BENJ. M. WATSON,
Jamaica Plain,
Mass.

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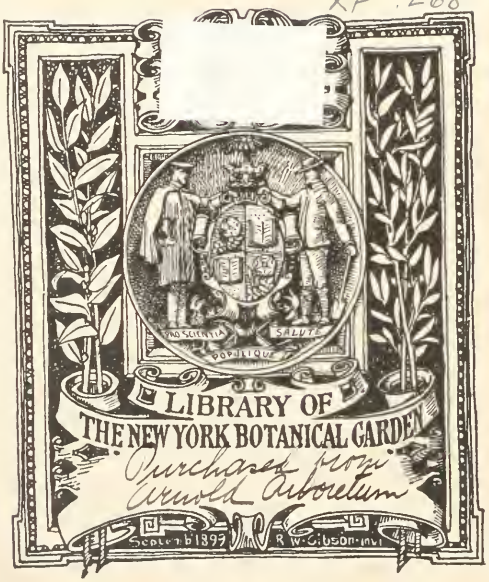

ARNOLD ARBORETUM
JAMAICA PLAIN, MASS.

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THE WEEKLY FLORISTS' REVIEW

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AN ORCHID WREATH.

The accompanying engraving is from a photograph of a 20-inch crescent

Wreath of Orchids and Violets.

wreath of orchids and violets, recently arranged by Mr. P. J. Hauswirth, Chicago.

The orchids used, were Cattleyas Mendelli and Mossiae, Dendrobiums chrysotoxa, nobile and Ainsworthii, and Laelias amoena, elegans and elegans alba, the latter being the larger and most striking of the lot.

The wreath was made for Mr. W. H. Chadwick, president of the Horticultural Society, of Chicago, and the orchids were supplied from his conservatories. When asked as to the price for such a piece including the orchids Mr. Hauswirth replied that it might be impossible to duplicate the orchids exactly but that using orchids obtainable in the trade the price should be from $30 to $35.

CULTURE OF THE MUSHROOM.

Mushroom beds in whatever way made are subject to many misfortunes. The spawn is of a nature so delicate that it is quickly destroyed by too much moisture or drought and the ability one has, as a grower, is of little account if he is not fortunate in procuring good spawn. It is a risky business, as there is so much spawn placed on the market which is not good. Nearly all the spawn used in this country is manufactured in England, and the manufacturing of spawn, like the growing of mushrooms, is a delicate business, requiring close attention; so that makers of spawn, though some are more proficient than others, all experience more or less partial failures from time to time.

Mushroom spawn is graded as to quality, generally by the maker, so if the best quality spawn is imported only, by a dealer, the grower of mushrooms will find it most profitable to invariably get the first quality as it is the cheapest in the end.

In commencing operations in mushroom growing be certain to have spawn at command when ready for it. If growing mushrooms for profit, endeavor to have a car load of mushroom manure on hand at a time, which can be procured in any large city from dealers in same, and shipped to your station. After receiving it place it on any ground as near as possible to where the mushroom beds are to be formed, and where you can command water to use in preparing it.

It can be handled out of doors all right during July, August, September and October, but under cover after that period. Have it under preparation for about two weeks, turning it completely and shaking it out well every second day, leaving it each time in a body about 3 feet thick. After each turning tread moderately firm, then cover the whole over with good sod loam well reduced, that has been ploughed and put together about the middle of April. In the aggregate the loam used should be one-sixth part of the bulk of manure, but divided up so that after each turning the quota of loam may be spread over the manure. During the turning operations, if manure is at all dry, don't hesitate to water it liberally, for it should be moist at all times until it is put away in the formation of the beds, which is done in about two weeks.

Beds wherever made should have a dry bottom. Enclose the space with a foot board, place the material 12 inches thick, tapping it moderately with fork as the work proceeds. When this is finished let the heat recover, which will be in a day or two, then beat the beds as firmly as possible, which will reduce the bed to about nine inches in thickness, place two or three thermometers in different parts of beds, the ball of same three inches below surface. Observe about noon each day the temperature; it will rise possibly to 110 or 115 degrees. When on the decline and the thermometer indicates 95 degrees, cut up the bricks of spawn with a hatchet into eight pieces each and insert in bed eight inches apart each way, and deep enough to just cover the spawn. Press the material firmly around each piece of spawn.

After putting spawn in again firmly, beat the bed, which can now be covered with loam similar to that incorporated with the manure; see that the loam is moist; if not so, water and mix it. Before placing it on the bed let it be two inches thick, spread evenly over the bed, then beat it firmly with the back of a spade, which will reduce the thickness to one and one-half inches. Cover the beds loosely with any grassy litter or hay, about an inch in thickness. If the casing of beds becomes dry, which will probably be the case in three weeks, syringe the litter well from time to time, which is far preferable to watering the soil directly.

In about six weeks after spawning in the autumn months the mushrooms will appear, then clean off the litter, water the bed, using a fine sprinkler or rose on watering pot, with water about 100 degrees, sufficient to moisten the soil through and no more. From this time onwards, syringe with lukewarm water whenever and wherever dryness exists, temperature to be maintained at 52 to 62 degrees; the former in cold weather, when fire heat has to be used liberally, the latter temperature when the weather is mild and not much fire heat is required.

The above refers to growing mushrooms from a commercial point of view. For the benefit of those who grow mushrooms on a limited scale for private consumption, I would say, owing to the limited quantity required at any one time, and the manure used being collected generally from their own stables, let the collection of droppings be made daily, with a little of the short litter. Place thinly under a shed so that fermentation does not take place. When sufficient has accumulated to form the bed desired, water well and throw into a conical pile. When a fermentation has taken place, throw the pile open and introduce one-sixth part of the whole with fresh loam. Mix well together and if moisture is needed give it at this stage. Throw it once more into a pile till the heat again rises, which will be in two or three days, and at once make up the mushroom bed in exactly the same manner as above mentioned.

Mushrooms can be grown successfully in cellars, sheds or under greenhouse benches, but the former are the most preferable places. But wherever grown, there should be some means of ventilation provided, not merely to keep the temperature within limit but also to change the air, allowing any excessive dampness to escape. Avoid draughts at all times after the beds have come into bearing. The darker the place where mushrooms are grown the better the quality, they being whiter and more tender, whereas those grown under greenhouse benches are browner and tougher and do not command the price of the others.

If mushroom beds are allowed to become very dry at any time, it is better to give them several light waterings than a heavy one. While beds are in bearing, if the stems become long and weak, it is a sure sign that the temperature is too high, so restrict the artificial heat or ventilate more freely. If grown under greenhouse benches, avoid watering said benches to the extent of drip falling to the mushroom beds below. H.

CHRYSANTHEMUM NOTES.

Specimen plants should be moved from 6 to 8-inch pots as soon as they are fit. Don't forget to ram the soil well and mix some lumps of charcoal through it. Everything possible should now be done to encourage growth as much as possible, never letting the plants get potbound or suffer in any way. They should be gone over every other day and any shoots pinched that need it. When stopping is closely attended to the plants "break" more quickly than they will if allowed to grow quite a little and are then pinched back to the harder wood, and also a better balance is maintained between the roots and foliage.

It is not so very long ago that a period outside was thought absolutely necessary for specimens, but the finest plants grown today are kept inside from start to finish. The best possible place for them is a cool, airy house, where they can have lots of room and where they can be banked up well with coal ashes. Here they are not exposed to the storms that invariably break many shoots outside, no matter how carefully they are looked after, and the water supply is also available.

It is a common practice with many florists to put out the plants in the garden, taking them up before there is any danger of frost. The carnation benches, too, are often called into service for the same purpose, and this plan acts very well for general stuff, though the very finest plants can only be had by growing continuously in pots.

Single stems in 6-inch pots are always much in evidence at exhibitions in the fall, and just now is the best time to root them. If rooted too soon they often lie around in small pots till they get hard and stunted. If you grow them at all give them an opportunity to do something. The strongest varieties only, and preferably dwarf ones, should be used for this work, Minerva being a fine example. The new Solar Queen, too, by the growth it is making with us, is a splendid variety for single stem work.

Keep all the air possible on newly planted benches. The weather in this section is very wet and cloudy, and if a close atmosphere is maintained mildew is very likely to appear. The record of sunshiny days during May must surely be pretty small this year. Conditions seem peculiarly favorable for the black fly, who is fulfilling the biblical injunction to increase and multiply. It is doing so, without taking any regard of the eight hour law, nights or Sundays. A good fumigating is needed once a week to keep them in check.

Plants that were rooted early in the season for large flowers are throwing buds to a greater or less extent, according to the variety. If you have

the head room do not cut them back, but just simply rub out the bud and take up the best of the shoots that will appear beneath it. In the case of V. Morel, it is better if a sucker appears, to cut away the old plant and take up the sucker in its place. This variety is very troublesome on account of its habit of throwing buds, but it is nevertheless indispensable for many purposes. C. TOTTY.

ASPLENIUM BULBIFERUM.

The spleenworts, as the aspleninm genus has been termed (from the supposed medicinal value that ancient practitioners believed them to possess), form one of the largest fern groups in cultivatiou, over 300 species having been described, though it is rather doubtful if this whole number is at the present time in cultivation.

As may be expected in so large a genus the aspleniums are very widely distributed, and in consequence we find among them species requiring warm house treatment, others that need comparatively little heat, and a few that are quite hardy in our northern and eastern states, there being more than half a dozen species that are native here.

The subject of our illustration, A. bulbiferum, belongs to the second division, or those that require only moderate heat, and though in commerce for many years is by no means so plentiful as its merits would justify. A. bulbiferum is an evergreen fern from New Zealand, the home of many of our finest ferns, and has finely divided fronds of nearly triangular outline, these fronds reaching a length of nearly two feet in a good specimen, and being nearly one foot in breadth at the widest part. The plant has a gracefully drooping habit, this being accentuated by the weight of the numerous tiny young plants that frequently form on the upper side of the fronds.

This proliferous habit is found in several of the aspleniums, but is perhaps most marked in the species under consideration, the fronds often being studded over with young plants that are just showing their first leaf. This peculiarity is often taken advantage of in the propagation of A. bulbiferum, a common method being to bend over these proliferous fronds and then peg them down on the surface of a flat filled with light sandy soil, and the latter being kept moist soon induces the young plants to form roots, after which they may be readily detached from the parent frond. This operation is, of course, carried out in a shaded fern house where the atmospheric conditions are favorable for the establishment of these young plants.

The aspleniums in general produce spores quite freely, and A. bulbiferum is no exception to the rule, but as the spores are somewhat slow in germination, the process above described is probably more often used. No special treatment is called for in growing this fern, and young plants grow nicely in company with Adiantum cuneatum and Pteris serrulata, though possibly enjoying a little more shade than is absolutely necessary for those species. W. H. TAPLIN.

PLANT NOTES.

Mr. J. F. Kidwell, the well known Chicago florist, does a general business covering nearly all lines except hardy stuff. In geraniums Mr. Kidwell has cut his list down to the old Gen. Grant, S. A. Nutt and La Favorite. He is growing several varieties of the ivy-leaved section and finds a steadily increasing demand for them.

A pretty sight at his place just now is a bench of pot carnations of the variety Garfield, all in good bloom. Mr. Kidwell finds Garfield much the best variety as a pot plant or for bedding. He has tried a number of other sorts, but finds none of them equal to Garfield for these purposes. He used to make large sales of fuchsias every year, selling in the neighborhood of 2,000 annually, but the call has so fallen off that this year he will not have more than 250. He also notes less call for pelargoniums.

He thinks that Asparagus Sprengerii is an excellent thing; the principal call is for specimens of some size to use as house plants. He grows both A. plumosus nanus and A. tenuissimus, but entirely for sprays to use in floral arrangements. With him the asparagus has entirely taken the place of adiantums, and he is inclined to like tenuissimus rather better than plumosus.

He grows ferns very largely, growing from 50,000 to 60,000 plants this year. The leading varieties are: Pteris cretica albo-lineata, P. serrulata cristata variegata and Cyrtomium falcatum. Other varieties are grown, but these comprise the bulk of the stock. He considers Cyrtomium falcatum one of the very best ferns for ferneries, etc. A long and narrow fernery in the shape of a window box filled with ferns and with a Cocos Weddeliana in the center, noted at the time of our visit, was a very beautiful object. It was filled with $2 worth of ferns at wholesale rates and the cocos was valued at 50 cents. This box sold at retail at from $4 to $5. Mr. Kidwell does not himself use all the ferns he grows, selling about half of his production to other florists.

Asplenium Bulbiferum.

He is growing quite a quantity of Cyperus alternifolius and finds good-sized plants of this very useful in decorations. They also sell well as pot plants. Another plant which he often uses in decorations, and which he finds the people like mixed in with palms and decorative plants, is Grevillea robusta grown into good specimens in from 6 to 8-inch pots. These are also sometimes used for the centers of vases, but do not give very good satisfaction when used this way.

He is trying some of the newer cannas, but his stand-bys are Mme. Crozy, Charles Henderson, Florence Vaughan and Alphonse Bouvier. He grows Egandale, but finds that the dark-foliaged varieties do not sell very well.

He grows a large lot of plants for Easter sales and was very fortunate with his lilies last season, losing only about 10 per cent. of the plants from disease, and he secured his bulbs from four different parties. He arranges to have lilies nearly all the year around, as they are exceedingly useful in

making up funeral arrangements. His earliest flowers come from Lilium Harrisii, and now he has several batches of longiflorum coming into bloom. He expects to cut longiflorum up to July. He notes an increasing call for azaleas at Easter. He also sold quite a number of hydrangeas, but for some reason he has been unable to grow them satisfactorily at his place.

Pot roses are quite a feature with him for Easter sales. The varieties grown are: American Beauty, Souv. de Wootton and Clothilde Soupert. He considers Wootton one of the very best for the purpose. He will try Meteor as an Easter plant next year. With the exception of Clothilde Soupert he depends for his plants for Easter sales upon those that were forced for flowers the previous winter. These are allowed to ripen up fairly well in the rose forcing houses, then lifted and potted and carried through the summer in frames as nearly dormant as possible. About the latter part of November or early December, according to the season, the frames are covered with shutters. Ten or twelve weeks before Easter the plants are brought into a cold greenhouse and brought on slowly, adjusting the temperature and conditions so as to bring them in for Easter sales.

THE LARGE-FLOWERED LILY OF THE VALLEY.

Convallaria majalis grandiflora, or Fortin's large-flowered lily-of-the-valley, is a plant with a certain future. As a proof, I send you with this a box containing forced plants of this fine variety; also a photograph of a basket showing the plant in a forced condition in winter, and side by side with a pot of a good but old variety of forced lily-of-the-valley, such as is grown in and exported from Germany. In this photo, the vigor and habit of Convallaria Fortini are seen to be far superior in all ways to the variety of lily forced hitherto, and that it is only a question of time before Fortin's variety supersedes the older kinds.

Fortin's variety, when forced, grows from 11 to 12 inches high, and the racemes bear from fifteen to eighteen flowers each. The plant possesses this great advantage, that it bears simultaneously with the flower's fine leaves, while with the older variety these are formed later. As will be seen by the specimens sent, the flower stems are strong and firm, and remain so when the variety is forced, though they may be a foot high. This is an excellent quality in a market plant. This Fortin variety is easily distinguishable from the older sorts of forcing lilies. The foliage is a different tint; it is a bluish, glaucous green. (The inflorescence is erect, giving off flowers on all sides (not drooping and secund as in the common form), and larger.—Ed.)

I do not know how Fortin's lily-of-the-valley would force for Christmas and the New Year, or rather, my experiments in that direction have so far failed; but for use in January and February, Fortin's variety is superior to the other. The flowers are as large as those of Clethra arborea.—Otto Froebel, Zurich, in Gardeners' Chronicle.

The Large-Flowered Lily of the Valley.

SPRING POT PLANTS.

Mr. Sam Pearce, Chicago, does a large business in the growing of spring pot plants to be sold at wholesale. After the houses are cleared of Easter plants the majority of them are devoted to spring stuff and these are supplemented by a lot of hot beds and frames. This is the selling season, and we found Mr. Pearce in a rush, but he made time to answer a few inquiries.

In geraniums the great bulk of his stock is the Bruantii. This he places at the head as a market pot plant. He also grows in lesser quantities Mrs. E. G. Hill, La Favorite and S. A. Nutt. He has had no trouble from Bruantii coming blind, and finds that all geraniums do best in a comparatively light soil that is not too rich.

In fuchsias he grows only two sorts—the old speciosa and Black Prince. He has a few of other varieties, but 99 per cent. of his stock consists of the two noted. In his experience they beat everything else as market plants, coming into bloom earliest and being generally most profitable.

In pot roses his stock consists almost entirely of Clothilde Soupert and Hermosa. He has tried the Pink Soupert, but prefers the old Hermosa to it. The Hermosa is yet to be beaten as a market plant, as it comes into good bloom at selling time and seems to always appeal to the buyer. He grows a lot of these for Easter, and if he does not get them in good bloom for sales at that time he cuts them back and can surely have them in shape for Decoration Day, thus getting two chances for good sales.

He has several houses full of single-flowered petunias and finds they take the people's fancy for a cheap, showy plant for beds and vases. He is trying a set of Dreer's doubles and thinks they will take as pot plants.

The ivy leaved geraniums find a better sale each year. He is growing 5,000 plants this season. The varieties he grows are Chas. Turner, red; Alice Crozy, dark red, and a light pink one, the name of which he cannot recall. He has sold an immense number of pansies this season at an average of only $2.00 per 100, and believes there is a profit in them even at that figure when handled in quantity. He has great quantities of verbenas ready. Of Salvia splendens he finds market for a moderate quantity only and grows only the one variety. The same may be said of heliotrope.

For the best grade of plants in 4-inch pots the average wholesale price is $8.00 per 100, and for the second grade $6.00 per 100.

He grows great numbers of coleus, generally the Verschaffeltii, Harlequin and South Park Gem (yellow). Begonia Vernon goes very well in moderate quantities for bedding.

Easter Stock.

He makes quite a specialty of plants for Easter. He notes an increasing call for azaleas. Fully one-half of his stock is Mme. Van der Cruyssen. Other sorts are Vervaeneana and Empress of India and Deutsche Perle for early white and Bernhard Andreas alba for late. Fully half of his Harrisii were diseased this last season, and he intends to try Japan longiflorum next time. For Easter pot roses he grows American Beauties that he propagates himself, and Magna Charta and Gen.

Jacqueminot that he can import cheaper than he can propagate them himself. He will this coming season try a few hundred Crimson Rambler as an Easter plant. He found that pelargoniums of the newer types went well last Easter.

Miscellaneous.

Among his carnations gladioli are now in bloom. The bulbs were planted as soon as received last fall and he began to cut flowers about May 1. He does not believe that the gladioli injure the carnations in any way and feels that what he gets from the gladioli is practically clear gain.

He grows large numbers of chrysanthemums for flowers. Hasn't had enough encouragement as to pot plants to make him believe it would pay to grow them.

He has a lot of tuberoses potted up to use as a "filling in" crop during the summer.

He expects to rebuild several of his houses this summer.

Cockscomb (Celosia Cristata.)

CELOSIA CRISTATA (COCKSCOMB).

(From advance sheets of the Florists' Manual, by William Scott.)

This handsome celosia is not as often or generally seen as its striking and novel appearance deserves. It is seldom seen in our greenhouses, perhaps because when at its best the glass structure is a hot, sweltering place, August and September being its usual time of flowering. Our hot summers suit the cockscomb as it does all of the celosias, for they like heat. Last year we saw a large oval bed, the surface of which was covered with Tom Thumb sweet alyssum, and every two feet was dotted in a cockscomb. It was a "pin cushion" bed, and very striking and pleasing it was.

When to be used as a bedding plant, sow seed of this celosia in March, and as soon as the little plants can be handled transplant into flats one inch apart. When still larger they should be shifted into 3-inch pots, from which they can be bedded out.

If grown as a pot plant, shift from the 3-inch to a 5-inch pot, which is as large as they should have, or a 6-inch at most. In growing a specimen in a pot, the prime object is to get a fine, broad head on a very dwarf plant, and it is almost impossible to attain perfection unless they are grown in hotbeds, with their heads near the glass. When the heat of the bed is entirely gone, shift and remove to a fresh one. They like heat at the roots as well as at the top. When growing freely, and particularly when forming their immense "combs," they must never be stunted from lack of water; and from the time they are in 3-inch pots, to insure a more even moisture at the roots the pots should be plunged. They want little shade, and that not till the end of May; then it should be only during the hottest hours of the day. Their successful culture can be summed up thus: A very rich soil, abundance of water, perfect light, and a warm, humid atmosphere.

Few insects trouble them. If aphis appears, manage to give them a mild smoking, even if they are in a frame. A cockscomb poorly grown is a very commonplace plant, but when done to perfection it is a wonder.

OUR LONDON LETTER.

[From our London Correspondent.]

New Daffodils.

At the first April meeting of the Royal Horticultural Society the Rev. G. H. Engleheart showed a beautiful group of his new seedling daffodils or narcissi. Of these three were each given a first class certificate. One was a splendid acquisition named Lady Margaret Boscawen. The flower is like Sir Watkin, but the segments are creamy white, reminding one of the bicolor Horsfieldii.

Another dainty flower is White Queen, well named, because wholly white, with the shape of Sir Watkin. Another fine kind is a hybrid of the poet's narcissus race, named Poeticus Homer. The segments of this are snow-white, measuring when spread out four inches, the crown margined with a rich crimson color and orange at the base. Lucifer is an addition to the Star or Incomparabilis group, yellow with an orange cup, and a lovely flower is Oriflamme, conspicuous for the deep orange scarlet color of the cup; a brilliant hybrid.

Messrs. Barr & Sons showed at the same meeting two hybrid daffodils, which were given awards of merit. One was a rich yellow trumpet kind, named Lady Helen Vincent, and the other named Apricot, a gem amongst hybrid daffodils, a small bicolor, the trumpet of a soft apricot shade, very charming and distinct.

A Good Decorative Plant.

From what I have seen of the new variegated dracaena named aurea striata it will become a very popular plant over here. It is not unlike the variegated aspidistra, the leaves very broad, arching somewhat and striped with a greenish yellow color on a deep green ground. It was shown by those well known plant nurserymen, Messrs. Hugh Low & Co., of Enfield.

The Hybrid Cinerarias.

There is no question at all that these are the coming flower, and I have lately seen many beautiful groups. They are the outcome of crossing the species such as C. cruenta with the garden cineraria, but otherwise they are very distinct. The hybrids are wonderfully free, the flower stems tall and spreading out in a free and graceful way, smothered with small flowers, varying in color from white to deepest blue.

A SIMILE.

"Some men are like flowers," said the good Samaritan, as he lifted up the pedestrian who had been downed by a banana peel.

"How is that?" ruefully asked the assisted wayfarer.

"Because they are sometimes raised from slips," was the reply.—Richmond Dispatch.

THE FLORISTS' REVIEW

G. L. GRANT, EDITOR AND MANAGER.

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WITH last issue The Florists' Review completed its first half year, and as we have already reached nearly 1,000 pages, which will alone make a bulky book, we have decided to start a second volume with this issue, making two volumes a year. Therefore this issue is the first number of Vol. 2.

CO-OPERATION.

If you are in the trade and are not yet a subscriber to The Florists' Review, send in your name and one dollar now and you will receive not only The Florists' Review for one year, but also a certificate entitling you to the earnings on one dollar's worth of stock in the Florists' Publishing Co.

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CATALOGUES RECEIVED.

Richard Vincent, Jr., & Son, White Marsh, Md., vegetable and other plants; Ellis & Pollworth, Milwaukee, Wis., wholesale price list cut flowers; Geo. Hancock & Son, Grand Haven, Mich., carnations; Kennicott Bros. Co., Chicago, wholesale list cut flowers; same, Clara cemetery vase; E. H. Hunt, Chicago, wholesale price list; H. L. Sunderbruch Co., Cincinnati, wholesale price list; A. G. Prince & Co., Chicago, wholesale price list; same, Clara cemetery vase; Haerens Bros., Somergem, Belgium, azaleas, palms, araucarias, ficus, etc.; F. L. Atkins, Orange, N. J., Brazilian Tonic Food for plants and flowers; W. J. Hesser, Plattsmouth, Neb., palms and decorative plants.

PHILADELPHIA.

Plant Trade.

The plant market has been very active, although for the first five days of last week the ground was really unfit for planting. A lot of planting was done somehow, and on Saturday everybody planted like good fellows. At least everybody who does that kind of work, and much was accomplished. It is said we have only had three clear days in May. You can hardly expect to crowd three weeks' work into a few days, so it seems but fair to count on a brisk demand for bedding plants after Decoration Day. If the growers are wise they will abandon the time-honored custom of dropping prices immediately after May 30, for this year at least.

Cut flowers have been more active than a week ago. There has been no material change in prices. The horse show at Wissahickon Heights has been responsible for some demand, the dark weather which retards the outdoor blooms probably accounts for the rest.

This week, with Decoration Day and the first of the June weddings, should make business lively, with a probability of higher prices.

May Party of Florists' Club.

The chief social event of the week was the May party of the Florists' Club at the gun club's grounds, Wissinoming. A jolly crowd gathered around John Westcott's maypole and thoroughly enjoyed themselves. Everybody was there and everybody had a good time.

The afternoon was devoted to sports. The most important event was the 200 lb. race. As in all great sporting events, some difficulty was experienced in getting the contestants together. One runner believed he would have an unfair advantage, being under weight, and another could not be induced to start until he had assured himself that Charley Longinette was attending to his duties. Here is the score sheet. Owing to the crowd around the scales the weights are only approximate:

Entries.	Weight.	Result.
Edwin Lonsdale	193½	First
Charles Fox	201	Second
Thomas Butler	200	Lay down

This was a disappointment to the Wyndmoor people, who, but for Mr. Butler's action, might have captured second as well as first.

The 40 yards dash was won by Dumont; W. C. Smith, second. Mr. Dumont also captured the broad jump; George Moss, second. In the hurdle races, Dumont led Smith, Heacock led Craig, Moss led Ashley, Clark led Woodruff, Dumont led Woodruff, Moss led Clark, Dumont led Heacock, and Moss led Dumont. High jump, Clark first, Dumont second. The sack race was most amusing. F. Clark, first; Ashley, second; Eaton, third.

The dinner was served at 5:15 and was a great success. I would like to tell you about the evening, the shuffleboards and the music, and the dancing, but I cannot—not because the dinner was too much for me, but because I could not stay to enjoy these gayeties.

Notes.

William Vanderveur, Mr. Lonsdale's "Little Billee," who went out to fight the Spaniards, has been prevailed upon to change his mind, and has come marching home again to care for the "little baby orchids and crotons" once more.

The Andorra Nurseries have an especially fine collection of paeonies just coming into bloom.

Thomas Meehan & Son say that the season has been an unusually long one for the nurserymen.

The guaranteed free-from-disease lily bulbs sold quickly at an advance over the price of ordinary stock.

J. W. Y.

BUFFALO.

Decoration Day Business.

Fairly good weather accompanied Decoration Day. It was cool and not over bright, but not at all unsuitable for the sale or welfare of the plants just set out. Memorial Day is with a certain class of people growing to be less observed, but with the masses—the humble buyer—it never was more universally commemorated. The cemeteries naturally were the scene of greatest activity (a paradox, seemingly).

The down-town stores say they noticed little increase of business, but those whose places were near the leading cemeteries had all the business they could possibly attend to; notably Louis H. Rapin, of Pine Ridge, who, besides his immense trade in filling vases, disposed of several thousand bunches of flowers at the popular price of 25 cents each. Quality considered, it pays. Mrs. David Newland and Mr. Wm. Legg, both situated close to different entrances of our beautiful Forest Lawn, were also taxed all day beyond their usual powers of endurance in supplying the demands of their customers. Incidentally a few stopped off to congratulate W. S. on the many flattering things said of him by the Baltimore correspondent of a contemporary.

The Supply.

The supply of flowers can be summed up by saying there was an

View in the wholesale store of the Rogers Park Floral Co., Chicago.

abundance for everyhody. I never saw the houses less cut and slashed after a Decoration Day. Valley was in its prime, lilac rather gone; "pinies" not in any quantity, but there were Spiraea japonica, lilies, carnations, roses in abundance, and there are always a few thousand geraniums to be picked off without leaving your plants bare.

Our cemeteries must have a curious appearance this morning, for there were thousands of 4-inch geraniums placed on the graves, not an artistic decoration by any means, but it is the fact of remembering those gone before and not an artistic display that is the motive. Poor little geraniums will soon shrivel up and be carted, pots and all, to the nearest ravine to fill up and later years this spot will be a new section to receive the remains "of all that is mortal;" truly we are all grass.

Condition of Trade.

Business at the stores must be pronounced decidedly slow. There is a great dearth of events that call for any considerable use of flowers, and now you will see a great tumble in the price of roses and carnations.

There are weddings and rumors of weddings, but they must be mostly elopements, for I don't hear of the usual festivities and floral decorations. June will perhaps bring us our hearts' desire—the decoration, not the wedding.

A Thrifty Place.

A few days ago I visited the growing establishment of Messrs. Schwert & Berner, whose houses are in the town of Chicktonanga, just outside the city limits. These young men began business some ten years ago and began small, not unusual in our or any other business. By strict attention to growing and seeking nothing but a wholesale market, they have had phenomenal success. A dozen houses were filled with first-class market stuff of the more popular kinds, no attempt at growing everything, but large quantities of the inexpensive plants which the multitude ask for.

I have drawn attention to this place because it is an example of what could he done in many cities and even here more largely. It is division of labor which is the highest state of civilization. I have seen so many young men go into business, but they all wanted to be close to a city lamp post, grow everything and handle all there was in the business. Growing is a science. Retailing the produce is entirely removed from it, and is better left to another class. The wholesaler is invariably the largest winner, but of course he that grows the best must be on top.

Just one word about the many kind sentiments spoken of me, which have emanated from that large city chiefly famous for the handling of the produce of northwestern states, also watermelons and oysters, the city built on thirty-nine hills. I don't like so much adulation. If they put it on any thicker I shall think it is not sincere. I will return as soon as possible, and as I intend to see Mr. Dreer's water garden end of July that will be about the time. I object to any fuss any more than any other illustrious (?) citizen would receive. I shall discountenance all the elaborate preparations, except perhaps the triumphal arches, the streets being so narrow that little expense would be incurred on that account. If Mr. Doppel Kemmel can be sent as far as Wilmington to meet me on the train and escort me through the labyrinths of the Monumental City, I shall consider it a favor. W. S.

CHICAGO.

Trade Conditions.

Decoration Day trade seems to have been a disappointment to nearly every one. It is true that an enormous amount of stock was disposed of, but the bulk of it went at very low figures and even then a large quantity, especially poor grade and outdoor grown stock, failed to find a market. There was a large lot of longiflorum lilies on the market and the sales were surprisingly small and at very low prices. Cape Jasmine suffered severely. So did narcissus and other outdoor stock. Most of the dealers' sales averaged up about equal to those of last year, but they handled nearly twice the amount of stock to do it. The only satisfactory reports came from dealers who had extra grade carnations and roses, the carnations seemingly taking the lead. Apparently a lot of stock found its way into the hands of the fakirs, and one retailer describes it as a "Fakirs' Decoration Day."

Tuesday the market braced up a trifle, but was still far from satisfactory. While the sales for Decoration Day were below expectations in view of the large supply, the prospects are that the month of May will average fully up to that of last year.

Bowling.

Following are the scores and averages made at the alleys last Friday night:

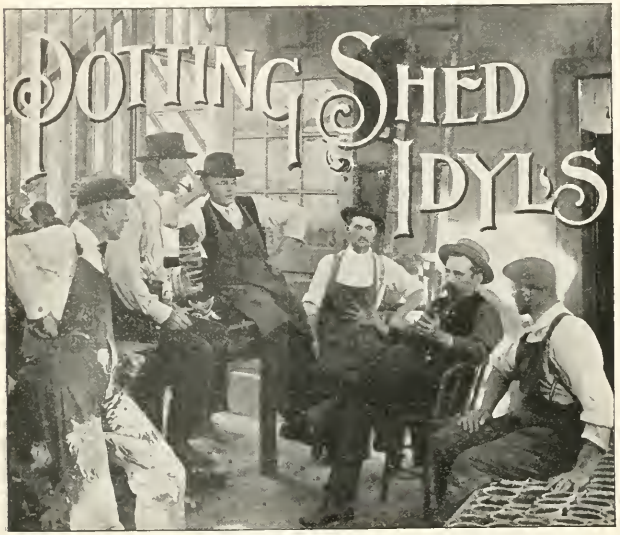
	1st.	2d.	3d.	4th.	5th.	Av.
G. L. Grant	177	180	165	156	170	165
E. Winterson	126	150	118	155	157	141
P. Hauswirth	157	122	136	140	141	139
G. Scott	144	128	132	...	...	134
W. Kreitling	125	132	150	110	...	129
J. Degnan	156	133	105	114	...	127
G. Stollery	119	145	106	126	...	124
A. Kohlbrand	103	127	109	138	...	119
A. L. Vaughan	111	121	...	...	...	116
C. McKellar	107	121	124	100	...	113
C. Balluff	113	82	89	113	142	108
W. Kyle	103	109	...	...	...	106
C. Stewart	91	81	106	91	...	92
F. Stollery	83	75	97	...	...	85
O. Kreitling	84	81	...	...	...	82

Various Notes.

J. F. Kidwell intends to rebuild his place on Wentworth avenue this summer, and next summer will build a large range of houses for growing cut flowers on his farm at Lafayette, Ind. The city establishment will then be used merely as a sales place, and will continue in charge of his brother, who has now a half interest in the business. J. F. will take care of the Lafayette establishment and will grow palms, ferns and rubbers as well as cut flowers. The farm contains 220

acres and has a great variety of soils. At present he is growing a few farm crops, including a large quantity of seed potatoes.

Mr. James D. Raynolds, of Riverside, has given up all thought of again entering the business, and is offering all his glass and other material for sale. At one time Mr. Raynolds was one of the most important growers of cut flowers for this market.



SOME FLUCTUATIONS IN REAL ESTATE.

"Talkin' of souvenirs, I never went in for collectin' of 'em myself," observed Jaggs, as he skillfully arranged a bunch of Cape flowers over a bald spot in a floral pillow. The design had been ordered by a bereaved widower, at reduced rates, with the suggestion that, if the price agreed upon did not allow for a sufficiency of flowers, a large pink sash belonging to the loved lost one might be draped across the pillow, thus giving an air of richness without undue expense. This economical suggestion, however, had not been very kindly received, and the desired effect was being produced by Cape flowers well veiled with green. "If I went in for collectin' of anythink 'ceptin' orchids it 'ud be government bonds, and they're too bloomin' common."

"Why not collect real estate, old man?" inquired the night fireman, who was filling his lantern and impartially distributing kerosene over the surrounding landscape.

"I reckon as Jaggs thinks real estate too fluctuatin' for him to invest in," observed Tommy.

"Fluctuatin'?" queried Jaggs. "You chaps don't know what fluctuatin' real estate is. Talk about riches havin' wings—it ain't a marker to city lots in an earthquake country."

"I've often thought," observed the horticultural graduate, "that Jaggs could tell us a lot that people don't kuow about earthquakes."

"Right, as usual, Johnny," remarked Jaggs, pleasantly. "When I was down in Central America—that was afore I went to Borneo to hunt for that there giant Grammatophyllum as I promised to tell you about—I see somethink about earthquakes as was earthquakes. I was sent there from Kew—the president o' one o' them little tuppenny 'a-penny republics wanted some chap as was up to all the dodges about coffee plantations. First night I get there I don't think much o' the town—mostly dust, donkeys aud little toy soldiers as looked like they was made in Germany. But it seemed to me as it must be quite a factory town; I couldn't seen no factories, but there was such a grindin,' rattlin' and poundin' goin' on all the time as it sounded like a distant view of a boiler factory. I hear that racket goin' on all night, and every once in a while, bein' on the ground floor, I'd feel like there was an innard convulsion underneath as made the floor heave up like the bloomin' old ocean. Next mornin' at breakfast I sits next to a chap from Chicago as said he was an agent for the Universal Peace Society—I hear afterwards as he was drummer for a firm as sells Gatling guns and repeating rifles. We got quite chummy at breakfast, through me askin' 'im what part o' the bill o' fare I'd best tackle first. He tell me as I can't make no mistake, because everythink on the table as wasn't made out o' cornmeal and red peppers was made out o' red peppers and cornmeal, 'ceptin' the coffee, as was made o' burnt beans. Well, we was takin' a cigar after breakfast, and I asks him if San Jacinto wasn't quite a manufacturin' town, and he say yes, and I asks him what they manufactures, as a general thing. He says, 'Earthquakes and political revolutions.' He says as they'll get up a revolution while you wait, most any day. I say as that don't account for the rumblin' o' the machinery as I hear all night. He tell me to stoop down and listen close agen the ground. When I do that blest if I couldn't hear a rumblin' and tearin' down below as sounded like an acre of stone crushers all workin' at once! I didn't like it a little bit, but the Chicago chap just laughed and said as it wouldn't make a bit o' difference when I got used to it."

"But what caused it?" inquired the night fireman, who had become so absorbed by the narration that he had overflowed a tidal wave of kerosene over the potting-bench.

"Why, the whole bloomin' country had a reg'lar sub-cellar full o' volcanoes; once in a while they'd get on the rampage, and then they'd play shuttle-cock and battledore with the whole outfit. It was agen the law to dig a well; the bottom was sure to fall out, and there was no tellin' what might go along of it. Why, they was tellin' me as how a lot o' chaps in jail make up their mind as they was goin' to dig their way out. The cells hasn't nothink but dirt floors, but the walls is nigh thirteen feet thick. Well, these chaps gets along fine, diggin' away like a lot o' bloomin' old badgers, when first thing they know the bottom drops right ont o' their hole! Scared? Well, you know what superstitions chaps them Central Americans is—they think as there's some hoodoo in the crowd as must 'a' queered the job, and come pretty near chuckin' one o' the chaps into the hole, 'cause he say when they start as they wasn't goin' the right way about it. Well, o' course the jailers got onto it, and blest if it didn't take 'em near three months to fill up that hole!"

"Was it you as the bother chaps think was the Jonah, old fellow?" inquired Tommy, sympathetically.

"Me?" retorted Jaggs, with some asperity. "Do you think as I was stoppin' in a moldy old jail? I was visitin' the president o' the republic, as was that fond o' me he'd do anythink for me. He wanted to make me secretary o' the treasury, only there wasn't no treasury——"

"Afore you got 'old o' the job, or after?" inquired Tommy, blandly.

Jaggs went on calmly without noticing the interruption. "I reckon as the

only chap in the place as ever had the price of a whole suit o' clothes at once was the president, and whenever he goes broke, he'd just hunt up some chap as was likely to have a bit o' coin, make a new law as would fit his case, and then just gather in the dough. Them Chicago aldermen isn't in it with a Central American politician. Well, as I was sayin', I rushed the coffee plantin', and give 'em a lot o' new wrinkles as I'd picked up when I was in Java, and me and the Chicago chap used to go rockin' around with the president and secretary o' state like we owned the whole bloomin' country. The secretary o' state was a woolly-haired chap with a complexion like an over-ripe Bonnaffon 'mum, and the Chicago drummer used to say as he'd find hisself right at home with a white-washin' outfit, but it ain't safe to draw the color line too close there. Well, the president wanted me to stay there—said he'd make me chief o' the department of agriculture—though he hadn't got no department of agriculture—and so he give me a big coffee plantation as an inducement. It was 200 acres in cultivation and a lot o' forest as was like a slice out o' the zoo. It belonged to a chap as used to be president, only he wasn't on to his job. I reckon as he died suddenlike."

"Do you mean to say he was murdered?" inquired the graduate, with some anxiety.

"Why, no, Johnny," continued Jaggs. "They don't murder folks down there, only if a chap seems a bit in the way he's liable to be removed. They think as he never would be missed, you know. Well, when I first get hold o' that there plantation, I think as I'm right in it—the real thing. Lor', when I think o' wheelin' ashes out o' the stokehole of a winter's mornin', and stayin' up nights to build gates ajar and bloomin' old funeral freaks, I feels sorry for any chap as has to work around the greenhouse. I thinks as my fortune's made," and Jaggs shook his head mournfully while he picked out a batch of immortelle letters.

"Well, did your friend the president think as you never would be missed, and try to remove you?" inquired Tommy.

"No," said Jaggs, gloomily. "I wasn't removed, but the plantation was. I was stayin' over night in the city—we'd been havin' a lot o' little earthquake shocks, but we didn't pay no attention to it, except seein' as we was handy to a door, in case anythink should drop. Well, me and the president was sittin' in the veranda after dinner, waitin' for our coffee. A colored boy was bringin' the coffee across the yard, when first thing we know, there was a terrible rumble and shake, and we see a crack about four feet wide open across in front o' the veranda. Next thing, the boy with the coffee seem to drop right out o' the landscape. The president he says, 'Very sorry to keep you waitin'; I suppose I must send for some more coffee.' I look at him, and then I look across the street. There was a big house there, and blessed if that there house wasn't risin' right up like it was growin'. I hear a big crash and I don't know nothink more till I come round while the doctor was settin' my broken collar bone. I reckon as they didn't find much o' the president—he must 'a' fell through with most o' the house. Well, just as soon as I could get about, I starts out for my plantation, for I reckon as it must be shook up a bit. Well, what d' you s'pose I found there? The whole bloomin' plantation had fell through, and all as was left was a lake about forty feet deep! Right in the middle was a little island and on that island was a volcano as was eruptin' red hot ashes and havin' a whole Fourth-o'-July celebration all to itself! When I see it, I says to myself, 'Cecil Reginald Jaggs, this ain't real—it's nothink but a Christmas pantomime delusion. But it wasn't—it was nothink but the fatal truth—and I just clear out o' that bloomin' country, and make up my mind as I'll hunt up a place where real estate ain't so fluctuatin'. Now, Tommy, give us another bunch o' Cape flowers, and this here work of art is ready to be turned loose."

NEW YORK.

In the Wholesale District.

The first four days of last week were record breakers, so far as wet weather and bad business went. Friday both let up a little, and Saturday, owing to Decoration Day, showed some improvement. Today, Monday, however, as I write, things are again in the old rut. There was practically no shipping trade, the outdoor flowers contributing toward this to a very great extent.

Roses there have been in large quantities, but of poor quality, and prices, also applied to all other stock, have been as erratic as the weather; in fact, there seems to have been a certain affinity and conspiracy between the two.

Carnations have touched low water mark for the season during the early part of the week, the lowest, in fact, since it commenced, while violets are as scarce as provisions in Havana.

A considerable number of Harrisii and longiflorums "got in" for Decoration Day, but prices ruled low. Sweet peas of all varieties are quite plentiful just now. The variety Blanche Ferry seems to be most popular, however.

Cattleya Mossiae are coming in in fair quantities. It is a pity, however, this variety does not follow the Cattleya Trianae sooner when there is practically a good demand.

Quite a number of outdoor flowers are to be seen like wistaria, lilac and snowball; also some very pretty forced annuals, noticeably cornflowers and sweet sultan.

Seed and Bulb Trade.

The wet weather has had its effect on this as all other branches of the trade, though the counter trade still continues to flourish. Orders for fall bulbs are next in order, however, and freesias are already being received by Clucas & Boddington Co. The Harrisii question is the bone of contention on all sides. From all accounts, however, there does not seem to be the likelihood of so much disease as the growers in Bermuda have been more careful in their selections of the bulbs and their cultivation.

Auction Sales.

One of the most remarkable sales of plants occurred last week in the city. It was peculiar from the fact of the enormous prices realized, while a sale of really valuable plants in the city realized exceptionally low prices. The former sale was a collection of Japanese dwarf trees, trained into cranes, turtles, boats, etc. These were mostly in porcelain jardinieres, and sold at from $5 up to as high as $330 apiece. Surely there must be some moral to this.

Various Notes.

I hear that Mr. J. L. Schiller is to be married on Wednesday to a Baltimore Belle in Baltimore. Particulars next week; meantime, congratulations.

Mr. F. Dressel will dispose of his valuable collection of orchids during the coming month by auction, "not that he loves orchids less, but palms more," and will go more extensively into the latter class of plants. Mr. John P. Cleary will wield the hammer and a good sale is anticipated.

TORONTO.

Bedding Plant Trade.

The bedding plant season is now fairly on and no one has time to talk anything but straight business. The 24th of May being a holiday a great many plants were put out in small gardens. The market will be a busy place for the next few weeks. A great many hardy perennials have been sold there this spring, trade in them will no doubt continue to increase every year as they advertise themselves.

Executive Committee Meeting.

The Executive Committee of the Gardener's and Florists' Association held a full meeting Thursday evening and transacted a good deal of business of various kinds. The date of the annual summer excursion was fixed for July 28, to Niagara Falls. A committee was appointed to arrange several cricket matches during the season. Another committee was appointed to get up a little send-off for the President of the Association (Mr. Alonzo Watkins) who purposes taking a trip to his native land shortly. Judges were recommended to the Industrial Exhibition Association for their big show in September.

The Chrysanthemum Show.

The Chrysanthemum Show also came in for its share of discussion and it was pretty well agreed that on the last day (Saturday) the admission fee be 10 cents all round.

This in my humble opinion is a move in the right direction and I hope to hear of some other cities doing likewise. To make a show a true success, we must get the people (the masses) there; to get the people there we must put the admission fee within their means to go, themselves, their wives and their families. We get the upper ten by the means we have been using, let us continue those means for the first two or three days (according to the time the show is open), but let us also give the lower ten thousand a chance; let us cater to them, and we shall give the horticultural trade such a send up in the scale that we shall say ten years hence, what fools we were not to look at the matter in this light before.

And here I wish to say (I fully intended doing so before) that I entirely agree with the views recently expressed by Mr. Watson of Philadelphia before the New York Florists' Club, where they appear to have been severely criticised. I see the proof of their truth right here in Toronto. Has not the volume of trade here increased ten-fold, aye, twenty-fold during the ten years the Gardeners' and Florists' Association has been in existence and has been holding these flower shows annually? We had flower shows before that, but they had no go in them and were not managed on trade principles or by tradesmen. Depend upon it a flower show is the best means a florist has of advertising his trade, and of producing and increasing a love for flowers amongst the general public. E.

ST. LOUIS.

Supply and Demand.

At this writing Decoration Day found the market with a good supply of flowers and also a fair demand, but mostly in the shipping line. We have had some very cool nights of late and still we have a large supply of roses of all kinds. The growers say that too much rain and the cool nights have caused bad mildew. Since last writing business has not improved and the market has been in good supply all the past week.

Jacque roses, sweet peas, carnations and cape jasmine were very abundant. Brides, Bridesmaids and Meteors brought from $2 to $4 for best stock: Perles, La France and Jacques, $2; fancy Beauties, $2 per dozen; shorts, $4 and $6 per 100.

Carnations have been and are yet in good supply; price on all varieties, $1; some extra fine fancy stock sold as high as $1.50 and $2. Daybreaks and whites have the call just now. Cape Jasmine are selling well at $1 for the best, some short ones being sold at 50 cents.

Paeonies and irises are about the only outdoor flowers that are abundant. Paeonies of all colors sell at $2 a 100. The blue cornflower has made its appearance and sells at 50 cents. Some very fine valley was seen this morning (Monday), which brought $3. Smilax and asparagus are selling well; the latter brought 35 cents per string.

Bedding stock has sold very well the past week and the florists in Union market report that business has been better than expected, as the early part of the season things looked bad for them.

Club Notes.

The June meeting of the Florist Club should be largely attended, as the growers will be about done with their planting out. Some very important questions will come up which will be of great interest to all members. All committees are expected to make reports. Two applications will be presented: Julius Koenig, Jr., and Gus Eggling. The date is June 9, at 3 p. m.; bowling after the meeting.

News Items.

Mr. and Mrs. J. M. Jordan left Thursday night for Omaha for the summer.

Martin Reukauf, representing H. Bayersdorfer & Co., Philadelphia, was in town last week, selling supplies. Martin is growing a new mustache, which has got to be full grown by the time he reaches home.

CINCINNATI.

Review of the Market.

There was quite an agreeable change in the condition of the Cincinnati market last week. The fore part of the week was as quiet as the month of August and our ice boxes were taxed to their utmost capacity. Even Charlie Jones remained at home for two entire days, trying to devise some means of regulating the supply and demand.

Friday morning trade opened up quite brisk, and by Saturday night stock was really scarce. Decoration Day, a couple of large funerals and a Jewish holiday, all coming at about the same time, created an unusual demand for this season of the year. The commission men report a good shipping trade for Decoration Day and it seems to have been satisfactory all around. Stock advanced but very little in price, but brought all that it was really worth.

The Banquet.

On Wednesday evening, May 25th, between fifty and sixty florists gathered at the club rooms to partake of the first annual banquet given by the Cincinnati Florists' Society. Quite a number of ladies were present, and all pronounced the affair a grand success. E. G. Gillett acted in the capacity of toastmaster, and filled the position like an old timer.

President Witterstaetter presented the medals with a neat little speech; first to A. Sunderbruchs Sons, second to Gus Scheible, of the City greenhouses, and third, to George & Allen.

Next on the program was the presentation of a beautiful umbrella to Theo. Bock, in appreciation of his valuable services as judge. Mr. B. was taken by surprise, but was equal to the emergency, and responded with some well chosen words of thanks.

After dinner speeches were then in order, and the following toasts were responded to in an eloquent manner: "Cincinnati Florists' Society," Wm. Murphy; "America," Geo. S. Bartlett; "Annual Outing," Frank W. Ball; "Cincinnati," Ed Hoffmeister; "Old Hingland," Benj. Salubrius George; "Gardener Wanted," Henry Schwarz; "Medley," Chas. Sunfish Jones. E. H. Giesy, of the Lockland Lumber Co., was down on the program for an important part, but was unable to be present. B.

ROCHESTER, N. Y.

Since my last report nothing of special interest occurred in the trade. We had the usual every day demand in the cut flower line, but no extraordinary event presented itself for the last three weeks. The sales in bedding plants are large in proportion, yet we cannot say that anybody is making any money out of them. Neither grower nor retailer are satisfied with the prices paid, the very best of geraniums in 4-inch pots only $1.00 per dozen, and many of them are retailed at a lower figure. Other stuff is equally cheap and the market is overstocked with everything in this line.

Memorial Day was as good as usual here. Cut flowers were not scarce at all, and outdoor flowers in great variety were very plentiful. Paeonies, candytuft, iris, pyrethrums, aquilegias, hemerocallis, poppies, lychnis, the large flowering centaureas, spiraeas, lilacs, etc., could be bought by the bushel, while roses and carnations were also more abundant than usual at this day. In ordinary years hardly any of these hardy large and showy cut flowers are far enough advanced with us to be used on Decoration Day, but this season has been so exceptionally favorable for their early development and everybody had quantties of them.

The florists around the cemeteries were especially busy with orders for planting beds, and with the filling of urns and vases; all had to be done at once, and many of them had to work all day Sunday to finish up. People could not be persuaded this year to delay the planting of coleus and other soft stuff until after June 1. The weather has been so very mild all through the month of May that no one thinks of the possibility of another cool spell now. K.

WANT ADVERTISEMENTS.

SITUATION WANTED—As foreman or grower by competent man. Best references. Married, no children. Address Foreman, care of Florists' Review.

SITUATION WANTED—As private gardener, by thoroughly competent man with the highest references from last employer and others. Removal of employer only reason for change. Address K. X., care Florists' Review.

SITUATION WANTED—As head gardener in private place or public institution. English, 52, widower (one daughter, 25). Thorough horticulturist, fruits, flowers, vegetables, landscape and ornamental work; 4½ years in Golden Gate Park, one year head gardener in present place. Best of references. Address, stating wages, etc., G. M. Stratton, Dungeness, Cumberland Island, Fernandina, Fla.

SITUATION WANTED—As propagator of general greenhouse stock, by a florist that is a good worker and strictly temperate. Good references. Address F. A., care Florists' Review.

SITUATION WANTED—By all around florist on private or commercial place, married, good worker and total abstainer. Best of reference. Address A. R. W., Box 849, Stafford Springs, Conn.

WANTED—A first class grower who knows enough to run a place on business principles, if desired can take half interest in good paying retail business, state wages with or without board. Only capable florist needs to reply. Situation in the South. Address A. G., care Florists' Review.

FOR SALE—First class retail stand, about 5,000 feet of glass, new. Has never produced less than $1,500 per year, net. Will require $1,000 cash; balance, time at 6 per cent. Reason of selling, failing health. Address Illinois, care Florists' Review.

WANTED—First class all around florist and gardener to take charge of 2 greenhouses (12 and 18 x 100) and vegetable garden or run same on shares; must be strictly sober and of good habits. Reply, stating wages wanted, to XX, Florists' Review, Chicago.

SITUATION WANTED—A first class gardener and florist; private preferred; state wages. H. H. Hunt, Evanston, Ill.

SITUATION WANTED—A young man, 20 years old, desires position in cut flower store or greenhouses; has six years experience; good maker-up; best of reference, also security. Address H. C. H., care of Florists' Review.

SITUATION WANTED—By an A1 grower of general greenhouse stock. Am 30 years old and single. If in need of a good man and are willing to pay fair wages, address M. K., care Florists' Review.

SITUATION WANTED—By an experienced gardener in landscape, nursery or pot flower cultivation; 25 years' experience. Only those willing to pay fair wages need reply. Address H. C., Florists' Review.

SITUATION WANTED—As foreman, good grower, single, age 30. Address N. T., Florists' Review.

FOR SALE—Four greenhouses, nearly new. Splendid retail stand in residence district on paved street leading to cemetery. Easy terms. Must retire on account of health. A. Claus, 501 N. 4th St., Springfield, Ill.

WANTED—A first-class grower who knows enough to run a place on business principles, to buy one-half interest and take full charge; must thoroughly understand the business. If dissatisfied with his purchase any time within one year he can have his money back. For particulars address A. H., care Florists' Review.

SITUATION WANTED—By expert grower of plants and cut flowers. Competent in every department. Seeks a situation where he may have a chance to make his services worth more than in his present place. Can surely advance his employer's interests if given suitable opportunity. Address S. D., care Florists' Review, Chicago.

FOR SALE OR RENT.

In New York City, Wholesale Flower Store on prominent street. Will sell fixtures and one year's lease with privilege of renewal. For full particulars write to Wholesaler, care of Florists' Review, 56 Pierce Building, New York City.

WANTED....

A quantity of Pandanus Veitchii—Plants or Cuttings.
Address, stating size, quantity and price,
L, care of Florists' Review.

The Right Cypress for Greenhouse Material.

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1 plant, 2-inch pot, per 100 ..... $6.00
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1 plant, 4-in. pot, 15 to 18 in. high, each, .50
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1 plant, 5-in. pot, 30 in. high ..... " 1.00

KENTIA BELMOREANA,
1 plant, 2½-in. pot, 3 leaves, 10 to 12 in. high, per 100 ..... 20.00
1 plant, 3-in. pot, 4 to 5 leaves, 15 to 18 in. high, per 100 ..... 25.00
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All measurements from top of plant.

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Single Thick Glass,	16 x 22	 2,500	square feet.
" "	12 x 16	 400	"
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Also 100 or more 3 x 6 sash, glass partly broken. Also several thousand standard pots, assorted sizes. Also forty-horse power Exeter Boiler.

I can not undertake to pack and ship glass, but to parties who can come with cash in hand and take away the goods I will make very low rates. For example, 16 x 22 single thick A glass, $2.00 per 50 square feet. Other sizes in proportion. Prices on Sash, Pots, etc., made on the spot to any proposing purchaser who will call and examine. Do not write.

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TILL OUR STOCK IS SOLD.

ROOTED CUTTINGS.	Per 1,000.	Per 100
Vincas, variegated	$10.00	$1.25
Rex Begonia	17.50	2.00
Mrs. Pollock and Mt. of Snow	15.00	2.00
Geraniums, Double Giant, LaFavorite	12.50	1.50
Geraniums, mixed	10.00	1.25
Md. Salleroi	10.00	1.25
Abutilon Sou de Bon	15.00	2.00
Impatiens Sultani	17.50	2.00
Lemon Verbena	12.50	1.50
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Alyssum, Double Giant	8.00	1.00
Coleus, fancy	8.00	1.00
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Orders of 1,000 assorted Rooted Cuttings at 1,000 rates.		
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Vincas, " 3 "	35.00	4.00
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Trailing Queen Fuchsias, 2¼-inch pots		4.00
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CHRYSANTHEMUMS -- Pennsylvania and other fine varieties. Write for prices.
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BALTIMORE.

Trade Conditions.

Excepting funerals and commencements there was this week really little to take the attention of the retailers. Up to present writing, bedding stuff has been selling very slowly, in spite that this season's stock comprises the best varieties and are exceptionally well grown plants. There seemed quite a demand for such outdoor cut stuff as paeonies, sweet peas, etc.

Decoration Day with us is not what it used to be. Consequently little out of the usual run of trade is expected. This season, however, may prove an exception, owing to the present war, which is awakening much of the old patriotic enthusiasm.

Notes.

There is no reason why the red, white and blue boutonniere should not become a fad and take its place beside the stick pins and buttons now so universally worn. Example in this world is everything. Consequently the florists (one and all) should inaugurate and suggest this custom to the aping public, with the view of making this floral novelty a "go." At no season of the year could we more truly match the national colors than at present. There are many flowers in that shade of red, but in blue the corn-flower (just now in its height) stands pre-eminently alone.

On the 28th inst. Mr. Liddo Pennock, of the firm of Pennock Bros., Philadelphia, paid us a flying visit of but a few hours.

Arrived: Suddenly on the 21st inst., carrying a new umbrella and an extra large order book, wearing his white ribbon and a bland smile of purity, our most welcome friend, Mr. M. Rice. Philadelphia papers please copy.

C. F. F.

3200 VINCA

MAJOR VAR.

From 2½-inch pots.....$2.50 per 100.

Two thoroughbred male ANGORA KITTENS, 8 weeks' old, maltese and gray and maltese and white, $7.50 each. A good adv. for well-kept greenhouse.

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WATERLOO, Iowa.

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METEOR	2.50	22.50
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	Per 100	Per 1000
Flora Hill	$3.00	$25.00
Wm. Scott	1.00	7.50
Lizzie McGowan	1.00	7.50

No more Rooted Rose Cuttings left.

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MIXED (all Colors.)

Price per packet, **about 500 Seeds,** of any of above varieties, **$1.00.** Half packets **50c** each.

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CANNAS Nicely started. P. Marquant, L. E. Bally, 30c. per doz.; $2.00 per 100.

BEGONIA Thurstonii, B. Argentea guttata, etc., 2-in., $2; 2½-in., $2.50 per 100.

PANSY PLANTS Bud and bloom, $1 per 100; $8 per 1000.

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3,000 Alternanthera, Aurea Nana, per 100.	$1.00
10,000 Asters, Perfection, white, pink, blue and scarlet, per 100, 60c; per 1,000	4.00
Also 2,000 Snowball Asters, extra strong.	
1,000 Fuchsias, 3-inch, mixed, per 100	2.50

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VAUGHAN, McKELLAR & WINTERSON, 45, 47 and 49 WABASH AVENUE, **CHICAGO.**

PAWTUCKET, R. I.

At the Rhode Island greenhouses, Alex. Miller has a house of carnations newly planted to carry through the summer as an experiment. He is throwing out some fine roses to make room for young stock, which is excellent.

Mr. Miller has considerable faith in grafted stock, paying close attention to a house planted partly with own root and partly with grafted stock. His observation showed that while the foliage upon the grafted stock was darker and stronger, the blooms were larger and produced on longer stems, but in quantity not so freely as on own roots and no medium in cropping. When in crop it is a heavy one and when off crop entirely so. Bride and Bridesmaid are the kinds experimented upon.

Mr. Miller is one of the few who has success with carnation Outcast, yet it is not the ideal scarlet. Where is it and when will it come? W. M.

CAMBRIDGE, MASS.

Ten thousand times ten thousand would apply to the number of the popular Boston fern which is being grown for next season's trade, and taking into consideration the thousands already distributed all over this land, the number is enormous. Undoubtedly the demand will be as good as ever. Everyone should have a bed or a batch potted for next season. It fills a big space at little outlay and has a distinct purpose. It will not supersede the palm, but rather assist in its sale. Nephrolepis cordata compacta will be grown more largely as its merits become better known.

A quartet of enthusiasts, Messrs. Becker, Bock, Foster and Doyle, are filling up in anticipation of a grand rush later, as Mr. Murphy remarked, just so soon as bedding stock goes out in goes the fern. W. M.

CRABB & HUNTER,

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Sell themselves. Handsome shape, full size and weight, made of best quality material, prices right.

WHITE CAPE FLOWERS,
A good quality at 60 cents per pound.

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Extra select	"	1 00—2.00
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Beauties, long	per doz.,	2.00—2 50
" medium	"	1.50—2 00
" short	"	75—1 00
Brides	per 100	3 00—4 00
Maids	"	3.00—4.00
Meteor	"	3.00—4.00
Perles	"	2.00—3.00
Our selection	"	2.00—
GREENS.		
Asparagus	per string,	.60—
Ferns,		
Adiantum	per 100,	.50— .75
Common Fancy	per 1000,	2.50—
Smilax	per doz.,	2.00—
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Alyssum	per 100,	.25— .40
Marguerites	"	.25— .50
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Forget-me-not	"	.50—
Callas	per doz.,	1.00—
Harrisii	"	1 00—
Stocks, white, fine	"	.75—
Paeonies	per 100,	3.00—4 00
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Sweet Peas	"	.75—1.00
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All other seasonable stock at market rates.
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Bedding Plants

Pansies in bloom, $2.00 per 100, $15.00 per 1,000.
Verbena, 2-inch pots, fine plants and colors, $2.00 per 100, $15.00 per 1,000.
Vinca Major, 4½-in., $10.00 per 100, $80.00 per 1,000
Vinca Major, 2-inch, $3.00 " $25.00 "
Chrysanthemums, rooted cuttings, $1.50 per 100, $12.00 per 1,000. 2-inch pots, $2.00 " $18.00 "

C. LENGENFELDER,
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Asparagus Plumosus Nanus

Strings 8 to 10 feet long, 50 cents.
Shipped to any part of the country.

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36 First Prizes out of 39 entries in 1896 and 1897

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Live Sphagnum Moss
For Orchids, etc., $1.25 per bbl.

Sphagnum Moss First quality, 85c per bale, 10 bales $6.00.

Peat $1.20 per bale, quality A No. 1.

Z. K. JEWETT & CO.,
SPARTA, - - WISCONSIN.

Dbl. Hardy Russian Violets

Strong 2¼-in. pots, $3.00 per 100. Rooted Runners, $1.00 per 100.
Semple's Asters, white, rose pink, shell pink and lavender, separate colors, $2.50 per 1000.
Dbl. Golden Marguerite, $3.00 per 100.
CASH WITH ORDER.

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Box of 5000, $5.00
Less quantity at $1.25 per 1000
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EVERGREENS...

Choice Specimens for Lawn Decoration.
Send for Descriptive Catalogue and Trade List.

SAMUEL C. MOON,
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THE REGAN
...PRINTING HOUSE...

Nursery Seed Florists' **Catalogues**

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PROVIDENCE, R. I.

With the rush attending Memorial Day orders it is difficult to interview the craft, who are praying for fine weather to enable them to carry out their orders, which do not seem to be so elaborate as usual. The hitherto stereotyped instruction to "Duplicate my order of last year" is not so prevalent, but it is, "Fill up as cheaply as possible." There are exceptions, of course, as T. O'Connor remarked, where a handsome latania or similar plant can be placed. There will be abundance of cut flowers.

T. Johnston has cornered a big batch of spiraea. Johnny Wood has cornered another store and is making things hum. W. S. Hogg has a grand block of hydrangeas. Planting out is backward this season and those who do considerable outside work hardly know which way to turn.

W. Butcher, W. Appleton, Jr., W. Chappell and W. Flanagan, all four sweet Williams, make use of their namesakes in borders of annuals.

M. Sweeney has the best record for landscape work which, while keeping him busy, is not so brisk as usual at this season.

Messrs. John and Farquhar Macrae are sending in some bang up carnations, chiefly Scotts and Daybreaks. Will Hazen is about through with violets, which have been very fine this season.

Geo. Johnson & Son have a corner on—not in—a cemetery close by, at which much replanting is being done. Alec Johnson is superintendent. The hale old veteran, who is the head of the concern, never looked heartier; says he has no excuse to go to Europe, but intends to go to Omaha instead; 'tis nearer the Klondike. W. M.

COLORADO SPRINGS, COLO.

Colorado Springs was visited by a regular wild west hail storm on Tuesday, May 24. The first ten minutes were given up to the larger sized stones, which were egg shaped and measured from one to two inches in length, and these were followed by a perfect deluge of smaller hail which lasted another ten minutes. Considerable damage was done to gardens, and the greenhouses of William Clark, the florist, were relieved of about four thousand lights of glass, other florists faring about the same. J.

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NEW LAW IN OHIO.

Ed. Florists' Review: We desire to advise you regarding a new law affecting those doing business in the state of Ohio. The law, however, does not go into effect till November 1, 1898. We desire to give you the substance of same, and believe that the readers of your paper will be interested.

The act was passed by the legislature of Ohio recently and relates to insolvent debtors, which provides in substance that every conveyance, transfer, mortgage or confession of judgment made by a debtor in contemplation of insolvency, or with intent to prefer a creditor, shall be void, and that every such conveyance, transfer, mortgage or judgment made while the debtor is insolvent, within ninety days next preceding a general assignment, shall be void, whatever the intent with which it is made. This last applies whether the debtor knew of his insolvency or not.

We, therefore, suggest that more than usual care should be exercised by the members of the trade in placing or extending credit in Ohio between now and November 1st.

Some of our local correspondents believe that there will be an unusual number of assignments in Ohio with preferences before this act goes into effect. Many tradespeople are being carried either by the bank or some mercantile house with the understanding that in case of trouble, they will be taken care of by preference, an arrangement which it has heretofore been comparatively easy to carry out.

Parties holding this accommodation paper are likely to close it out before November 1st, thus forcing many failures; and it may also be expected that a large number of persons who continually prey upon the business world by doing business with money borrowed from relatives, while pretending to be solvent, will improve this, their last opportunity to save the family capital.

National Florists' Board of Trade,
Cornelius S. Loder, Secretary.

HUNT'S REVIEW OF THE CHICAGO MARKET.

The last week, which had been looked forward to for several weeks as a record breaker, failed to meet expectations.

The quantity of flowers put on sale was enormous and the demand fell far below the ability of the wholesale men to handle. As near as we can learn, good stock of roses and carnations sold out clean at fair prices, but there was a lot of poor second-grade flowers which could not be moved.

White carnations, supposed to be scarce, proved to be a glut. Where they all came from nobody seems to know, but come they did from all directions.

Harrisii and Beauties dragged. Callas were in limited supply and met with ready sale. Lilac, valley, poets, paeonies, all moved at low prices.

A few retailers report fairly good trade locally, but more say "business quite slow," "not much doing," etc.

Chicago, May 31, 1898.

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We have a Fine Stock of the Leading..... **CANNAS** In fine shape for immediate bedding.

Extra Strong Pot-Grown Plants.

Best Standard Sorts at $8.00 per 100, as follows: Mme. Crozy, Alphonse Bouvier, Chas. Henderson, Florence Vaughan, F. R. Pierson, Egandale, J. D. Cabos, Queen Charlotte, Pres. Carnot, Paul Marquant, J. C. Vaughan, Admiral Avellan, Austria, etc.

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We have a fine stock of **TARRYTOWN** and **PRES. CLEVELAND,** two of the finest varieties that have been introduced in years. **$6.00 per doz.; $40.00 per 100.**

We can also supply the following varieties in limited quantities at **$6.00 per doz.,** viz: Defender, Pres. McKinley, California, Duchess of Marlborough, Rosemawr, Sam Trelease, Duke of Marlborough, Furst von Hohenlohe. Can supply Goliath at **$9.00 per doz.**

MUSA ENSETE (Abyssinian Banana) Extra strong plants, 6-in. pots, $6.00 per doz.

CALADIUM ESCULENTUM Strong dormant bulbs, 9-12 in. in circumference, $5.00 per 100; strong plants, 6-in. pots, $12.00 per 100.

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Extra Choice Hybrid Teas at $10.00 per 100, as follows: Kaiserin Augusta Victoria, Pres. Carnot, Mme. Caroline Testout, Maman Crochet, Souv. de Wootton, Sunset, etc.

We can also offer some extra fine, large and heavy two-year-old **Hybrid Tea Roses,** 6-in. pots, coming into bud and bloom, fine stock where extra heavy plants are wanted, at **$30.00 per 100,** as follows: Pres. Carnot, Mme. Caroline Testout, Kaiserin Augusta Victoria, La France, Aug. Guinoiseau, Caroline Marniesse, Meteor, etc.

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We have also a fine stock of

DRACÆNA INDIVISA Strong plants, 5-in. pots, $3.00 per doz.; extra strong plants, 6-in. pots, $6.00 per doz.

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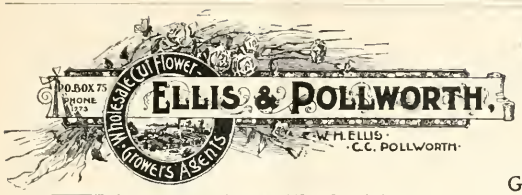

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ALL FINE STOCKY PLANTS
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Florists' Review....

GRAND RAPIDS, MICH.

Notes.

Wencil Cukerski, formerly plain city florist, has recently received a remarkable recognition of merit and ability at the hands of politics. The complexion of the council changed and it looked as if the city florist would be succeeded by a politician, but the unexpected happened, and although there were political aspirants for the place, politics were removed from the question and Wencil was elected superintendent of parks.

Recent visitors were a representative of Henry A. Dreer, of Philadelphia, and of John C. Moninger Co., of Chicago.

N. B. Stover, of Grandville, reports he has 5,000 carnations in the field, and all doing well.

Florist Club.

The Florist Club held a meeting Tuesday evening, May 17. A committee was instructed to draw up suitable resolutions on the death of Burt Rodgers.

The possibilities of giving a flower show were freely discussed. A mum show is entirely out of the question, but a proposition to give a spring flower show met with sufficient encouragement to secure the appointment of a committee, with that end in view, composed of Henry Smith, Geo. F. Crabb, Wm. Cunningham and N. B. Stover.

No one seemed to favor a picnic this summer, not even a game of baseball. It was suggested that the club visit Chicago during the chrysanthemum show, and that perhaps some of the members of the Chicago club might take compassion on the Grand Rapids floricultural waifs and show them around town and incidentally introduce them to the Chicago elephant.

The club voted itself a summer vacation, and no meetings will be held until the second Tuesday in October.

GEO. F. CRABB.

HANOVER, PA.—Trade has been very good this spring in bedding stock and two-year-old roses. There has also been a good demand for funeral work.

BATH, ME.—The Kennebec Nursery Co. possess in addition to an extensive nursery, under the able care of Mr. Davison, a range of commodious houses devoted to plants and cutflowers. These are in charge of P. J. Olm, a most successful grower. In addition to a fine collection of stove plants, roses and carnations are well grown. Anna Webb is one of the best crimsons; Garfield, scarlet; C. A. Dana, pink; Nicholson is full of promise; Flora Hill has no signs of the weak neck, which objection may be lost sight of in the immense blooms; McGowan is the old reliable white.

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75 cents per 100;
$5.00 per 1000.

Sample Plants for 10 cents.

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LANCASTER, PA.

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Alternanthera, red and yellow, 2½-inch	2½c
Alternanthera, from flats	1½c
Scarlet Sage, from flats	2c
Verbenas, 3-inch	3c
Golden Pyrethrum, 2½-inch	2c
Centaurea Gymnocarpa, 3-inch	4c
Cineraria Maritima, from flats	1c

Chrysanthemums — Niveus, Mrs. G. West, Mrs. Twombley, Mrs. J. Jones, Mrs. Whilldin, Apollo, Mme. Bergman, M Henderson, Gloriosum, Dawn, Good Gracious, Pres. Smith, 2½-inch 3c

All the above are strong healthy stock.

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Violets and Pansies

20,000 Rooted Runners of California Violets must be sold at once. Immediate delivery. **$2.50** per 1000. **3,000** Princess of Wales, **75c** per 100. **Very large strong roots. 2,000** Swanley White Violets, **$3.00** per 1000.

5,000 PANSY CLUMPS from cold frames, international strain. Very fine, in bud and bloom, **50c** per 100. Cash with order or satisfactory reference.

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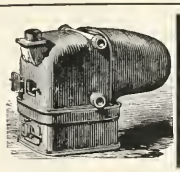

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Alfred Colomb, " "	6-in.	20.00
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" " " "	6-in.	20.00
Coquette des Alpes, " "	5-in.	18.00
Crested Moss, " "	6-in.	20.00
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Gloire de Margottin " "	5-in.	18.00
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Gen. Jacqueminot, own roots	5-in.	15.00
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Glory of Mosses, budded stock	6-in.	20.00
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Magna Charta, own roots	5-in.	18.00
Mrs. John Laing, budded stock	5-in.	18.00
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Mary Washington, own roots	5-in.	15.00
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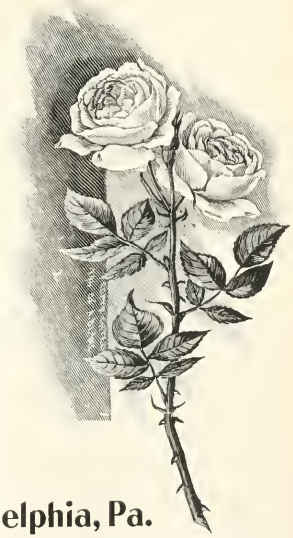

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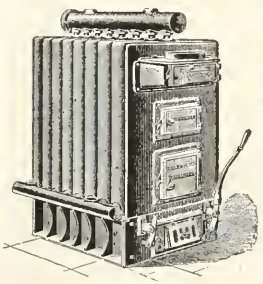

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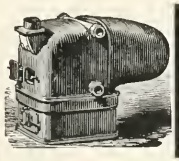

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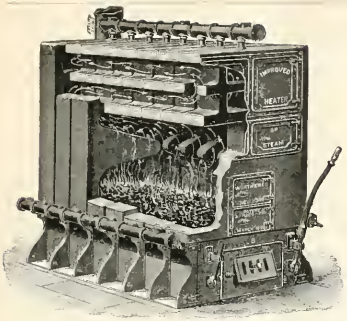

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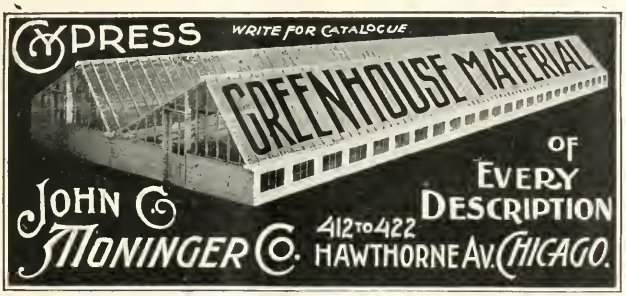

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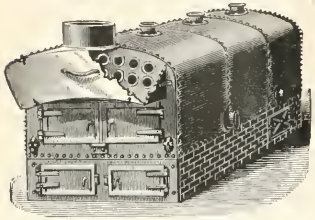

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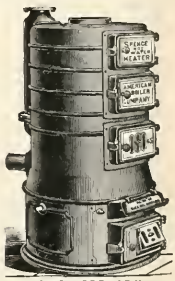

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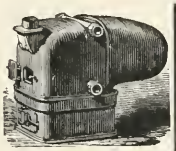

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THE WEEKLY
FLORISTS' REVIEW

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Vol. II. CHICAGO AND NEW YORK, JUNE 9, 1898. No. 28.

Gymnogramme Decomposita.

GYMNOGRAMME DECOMPOSITA.

The Gold Ferns, as several of the gymnogrammes are frequently called, are more often looked upon as curiosities by many of our trade growers, rather than in the light of gold producers. This opinion is no doubt the fruit of experience, for ferns to be useful to the trade must be more enduring than many of the gymnogrammes are, and be less liable to breakage.

But, apart from their trade use, this family of ferns is a very interesting one, some of the species being thoroughly dusted over with a golden powder, others whiteued by a silvery coating, a few species without powder on the fronds, and at least one variegated form. In addition to these peculiarities there are two members of this family that are annuals, a very unusual thing among ferns.

The gymnogrammes are also very widely distributed, the various species having been found in North and South America, the East and West Indies, Japan and parts of Europe, so it would appear that this could safely be termed a cosmopolitan family.

The subject of our illustration, G. decomposita, is a native of South America, from whence it was introduced to cultivation about twenty-five years ago. It is a free growing subject, with dark green, finely divided fronds, the under side and stems of which are well-covered with golden farinose powder. The fronds of G. decomposita often grow two feet in height, and bear quantities of spores, and as the latter germinate very readily, no great difficulty is experienced in getting up a stock.

In order to form bushy little plants from the seedlings, it is best to pot them up in small clusters, just as one would with seedlings of Onychium japonicum, and, treated in this way, pretty little plants may be had in 3-inch or 4-inch pots. No special compost is required for the cultivation of G. decomposita, but to keep the plants in good condition shade is needed, and it is advisable not to water them overhead with a heavy pressure of water, or much of the farinose powder will be washed off.

As has been already intimated, the fronds of G. decomposita are rather brittle, this being one of the objections to its extended use for trade

purposes, but notwithstanding this objection the fern in question is a very pretty one and by no means a difficult subject to manage. W. H. TAPLIN.

MISCELLANEOUS SEASONABLE HINTS.

This is a trying time with the florist who does a retail business, for while he is spending all his energies to get out his orders and not disappoint his customers, there are likely to be many future crops impaired for want of careful attention. I have seen more than one greenhouse man have his place a perfect wilderness and a great deal worse by early June; the excuse was "he had no time" to put things in shape. A few practical thoughts occur to me just now, for they will be practiced if it is "long after hours."

As the bench room becomes vacant you can bring the plants off the shelves where you have had ivy geraniums, money vine and other drooping plants. Your workman when ordered to go and get a 100 Tower Eiffel or Nutt or Mrs. Hayes geraniums will be sure to pick out the best plants with a big truss of flowers and leave many plants standing in solitary groups or singly, drying out. It takes but a little time to stand them up. Hanging baskets, and you will have lots of them till the middle of June, should be taken down and perched on an inverted 8 or 9-inch pot. Let no straggling plants stand round; it not only is bad treatment for the plants but saves you much time in watering. Trifling as this advice may appear, and unnecessary as it should be, it is often not observed or forgotten. No time will be better spent than taking an hour or two in doing such work or deputing to some hand the work I have suggested.

The Boston Fern.

Another reason why you should clean up your benches and have some of them to spare is so that you can devote them to future crops as early as possible. You should plant a large space, according to your demands, to Nephrolepis exaltata Bostoniensis. The name of the plant is enough to give it a serious complaint, and why the Bostoniensis should be tacked on I don't know; but nevertheless it is a real good thing. If you don't have young plants in 2 or 3-inch pots buy them and plant out in 5 inches of good soil on a bench. It should be needless to say that ferns, at least those which we cultivate, thrive in a rather rich and light soil. A good mixture would be two-thirds good loam and one-third thoroughly decomposed hot bed manure; if you do not have that procure some rotten spent hops. Plant them about 15 inches apart, and before you need the benches for lilies, mums or late fall business your ferns will have made fine plants. Lifting them does not seem to make the slightest difference to them, and of course they continue to grow from the time you lift them from the bench. There are few ferns more useful than the Nephrolepis tuberosa, and this is an excellent plan to pursue with it. Plant out a few dozen and in the month of December you will lift hundreds that grow on during the winter and will make fine plants in the spring.

Look Out for Cuttings.

Strange to say that as the bright sun appears, and all the shading you can put on, together with the absence of heat, the cutting bed needs the most watching. Copious watering must be given daily and if perfect drainage to the cutting is supplied then twice a day is not too much. There is a good deal of false reasoning about the propagating of our plants, which is merely the perpetuation of the same individual and has no counterpart in the animal kingdom except in the very lowest animal organisms. The old idea that heat caused the roots to spring out is entirely erroneous. The leaf absorbs what is useful and what normally goes to the root, but being arrested at the end of the cutting forms there its descending pieces, and if the leaves on top are healthy and vigorous with nature's vegetable absorbent, roots will appear in more or less time and you have a new plant or rather the division of the old one; so don't spare the water on your cutting bed. Especially is this true of cuttings like chrysanthemums and poinsettias; water and a moist state are their salvation.

Violets.

You have a correspondent for violets, Mr. Editor, who writes good ideas in his line, but I have an idea about violets in a cold frame that is worth noting. About the 10th to 15th of June plant out in frames several thousand violets. (Marie Louise is the only variety). Now I have made this a success for several years and know whereof I speak. To the confined florist who has but a 24x16 yard this is not possible, but to him that has room it is most valuable advice.

I would advise making the frames first for several reasons. You know the size of your sash in width and make the bed any length you desire. Plant good plants any time before the 20th of June and plant them 10 inches apart. If they are rooted cuttings no shade is needed and no protection of any kind is necessary till the end of October; but that will largely depend upon weather. You will pick violets for Thanksgiving most abundantly, and if the early fall is favorable you will also have them for Christmas; then with our ordinary winters there will be an unprofitable season. But what are they costing you?—nothing. You will have a grand crop again for Easter and your violets from cold frames will be the violets of the late spring months. Much could be done to insure a continual crop even during the dark and frozen days of winter, but it would be too much trouble to depend upon them for all winter violets.

The several reasons why they should have a frame are that you know exactly how to plant them. If when first planting a hot and dry time should occur they are easily shaded. You will not trample over them in building your frames, and last but not least you can put the sash on them early enough to insure a good Thanksgiving crop. WM. SCOTT.

CHRYSANTHEMUMS

CHRYSANTHEMUM NOTES.

Boxes.

Growing plants in boxes is one of the most economical methods of growing mums of which I know. The boxes we use have been described before in these columns so I will not go into details. They are 4 feet long and 6 inches deep. In these we grow 5 plants, taking 2 stems from each plant the flowers being of A1 quality. If quantity, more

Grandiflora Bignonias. Atrosanguinea.

than special quality, be needed, each box will carry 15 flowers which will be good enough for all general purposes.

The advantages of these boxes are many. The roots are under control just as much as though pots were used, and this is important, particularly with early varieties. Plants can be fed more heavily in boxes than in a bench, which means a larger bloom. If space inside is limited the boxes can be stood outside for a few weeks and are perhaps better outside until the approach of the intense heat of July and August. They will not require much more water than a bench and if desired can easily be moved from one house to another.

In filling the boxes put a layer of fresh sod in the bottom which, in addition to helping the drainage, will be fine for the root fibers to work among. Mum roots love a turfy fiber more than any kind of manure.

Shading.

Shading newly planted benches is a matter that must be settled largely by the position of the houses, time at one's disposal and several other things. The only time we would recommend shading is in case of the house running east and west, consequently getting the full glare of the sun at mid day. With such a house a little whitewash spattered over the glass with a syringe, to break the force of the sun's rays, is beneficial. This will be all washed off in a week or so, but its purpose will have been accomplished.

If the house has bottom or side ventilation (and all modern houses should have) and the house is well syringed twice a day, or perhaps three times on very hot days, shading is not necessary. Scald will not amount to anything if the plants are inured to full sun from the first and a sufficient amount of moisture be kept in the atmosphere.

Mums are greatly benefited by a little shade in the fall when the flowers are opening, as the sun often burns the petals of pink and dark varieties which have been fed heavily with manure water.

For the present the object at which to aim is a clean, stocky, short jointed growth, building itself up as it grows, avoiding any kind of rushing or exciting treatment. C. TOTTY.

BIGNONIA GRANDIFLORA.

(Tecoma Grandiflora.)

This plant was introduced in Europe from Japan early in this century, when many valuable Japanese plants were sent to Holland, that country being the only nation which had then a commercial intercourse with Japan. It was first known as bignonia, but subsequently included under tecoma.

The typical variety has large deep orange scarlet flowers produced in panicles, and is a most conspicuous hardy climber. The period of inflorescence lasts from May until autumn. The plant can be trained either to a stake or wall and is hardy in the middle states.

There are several sub-varieties with flowers of higher and deeper shades, but the type is perhaps the best of all. P. J. B.

CARE OF AZALEAS, ETC.

I have been reading what I can find regarding the treatment of azalea plants at this season of the year and find nothing said about repotting. As the pots were crowded very full of roots last fall it does not seem natural that they can go on growing and produce a good crop of blooms for another year without more nourishment, by giving more earth or feeding in some way. One article advised giving them the necessary trimming. I would like to have the trimming process explained.

I would like also to ask if usually florists make a practice of washing all flower pots that have been used before again using, and what is the best and easiest way of cleaning them?

H. H. C.

I have been asked to reply to the above inquiry. The azaleas that are now usually brought into flower are at least 95 per cent of them brought from Europe. They are grown in a peaty soil, very congenial to azaleas, rhododendrons or any of the family. They arrive in October and should be potted firmly. With the very best care you can give them they make very little growth into the new soil, and not even the third year have they made sufficient roots to need another shift. The soil we give them here is so different from that in which they have been grown that it consequently takes a long time before they make much or any growth in the new soil. If it is from a limestone region it is still less suitable for them. Twenty years ago there were comparatively few azaleas imported; they were propagated in this country by grafting in the usual way or by cuttings. But there is now no firm on this side of the Atlantic which can compete with the growers in Belgium and Germany. When we did handle the American grown stock, which was mostly grown in loam, not unlike what we would use for roses or carnations, we used to see the azaleas root and shifted them as required, but even then a shifting every third year would be sufficient.

The answer to the inquiries would not be complete unless I spoke of the general care of the azalea from time of flowering till flowering time again. If you import, say, a hundred plants and have a dozen left over for which there was no demand or which flowered poorly, the cheapest and best way in which to manage them would be to dump them on the rubbish pile. You will import a much better plant for less than you can afford to carry over and care for an indifferent plant for 10 months. If you do want to carry them over, as some of the large dealers do, there are two ways of doing it. As soon as there is no more danger of frost plunge them outside. If it is where they get the morning sun only

so much the better, but if in the broad sun they will stand it, but must never be allowed to get dry at the root. They should be carefully watered and often syringed.

Another plan is to take them out of the pots, carefully remove soil that is not occupied with roots and plant them out in a light sandy soil. The surface of the soil should be mulched with spent hops or litter from the stable, and once a week a soaking of water given. There is no doubt about their lifting well and safely. We have proof of that every fall when we import.

"The necessary trimming" alluded to is cutting back the strong shoots. If you will examine a plant you will see that it has received lots of trimming with the shears. Few plants will conform to any desired shape better than an azalea. The proper time to do the trimming is when they are making their growth after flowering, but at any time don't be afraid to cut or pinch back the young growths.

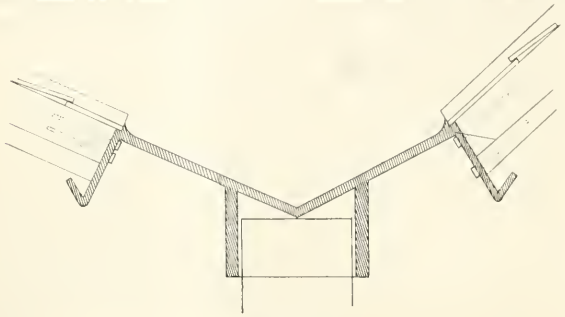
The question about washing pots is not easy to answer. Thirty years ago we not only thought it proper, but necessary to wash all pots that had been used before again using. At the present day, I believe, a very small proportion in commercial places are ever washed, and we grow just as good plants. I have heard of some pot washing machines, but have had no experience with them. We always make it a rule to keep the empty pots out of doors and let the sun, wind and rain do something toward scrubbing them. Under a damp bench is the worst place for them; out of doors they get thoroughly dried out.

WM. SCOTT.

IRON GUTTER CONSTRUCTION.

Mr. Geo. N. Garland, of Garland Bros., Des Plaines, Ill., has designed a cast iron gutter that promises to be very useful. We present herewith a cross-section of the gutter and a view in a house in which the gutter is used. The gutter is of cast iron, three-eighths of an inch thick and rests on iron uprights in the manner shown in the engravings. The sash bars are attached to the gutter by nails driven through holes drilled in the gutter as shown in the cross-section. The lower light of glass rests against a bead cast in the gutter.

In the house illustrated the uprights under the gutter are second hand 4-inch boiler flues, which are just as serviceable as well as cheaper than new pipe. The sections of the gutter are each five feet long and at one end is a flange through which the sections can be bolted together in such a way as to leave the upper surface perfectly smooth and level. Each section is also provided with a collar which fits over the uprights. The uprights are set in the ground several feet, a brick or stone at the bottom and the hole filled with cement, making the construction almost indestructible. The five-foot sections of the gutter weigh about 100 lbs. each. As will be noted the gutter is provided with a drip groove.



A Cast Iron Gutter.

In addition to its permanency this gutter has a very great advantage in preventing the accumulation of snow and ice between houses built together. The iron being a good conductor of heat the warmth from the inside penetrates it readily and melts the snow as rapidly as on the glass roof. The Messrs. Garland have had this gutter in use for five years on one house and its advantages proved so numerous that they are gradually rebuilding all their houses with this construction. So many other growers saw and admired it that they have now applied for a patent and will place it on the market. In fact they have already sold a lot of the gutters to near-by growers.

They also use the second hand 4-inch boiler flues as heating pipes and find them just as effective and lasting as new pipe and much less expensive.

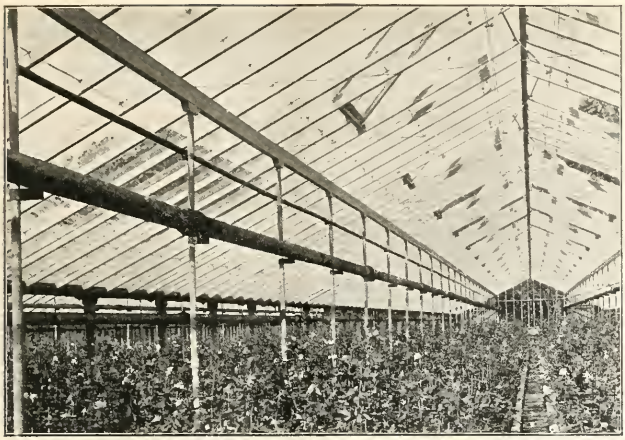
It will be noted that in the house illustrated there is no dividing wall between it and the next house. They get considerable sun and light from the side, and find that the shade from the gutter is very slight. There is no noticeable difference in the plants located where the shadow of the gutter falls. In the winter time, when the sun is low, the shadow falls in the walk at that side. Though their soil seems rather a heavy clay they grow all their roses in solid beds without any under drainage. They formerly used raised benches but have discarded them in favor of the solid beds. The house illustrated is 24x150 and contains 2,600 plants of Bride and Bridesmaid. From this house they cut 55,000 good marketable buds during the season. They are curious to know whether this is above the average of results from a space of this size. The intention is to allow the plants to remain in their present quarters for several years.

In constructing their solid beds they use stakes made of second hand 1-inch pipe cut into lengths of two and one-half feet. These are driven into the ground (there is a stiff clay sub-soil) and the side planks are attached by driving in a spike side of the pipe which is then clinched around the pipe at the back. The side of the plank toward the soil has first had a coating of gas tar which has been allowed to dry well into the wood before using. They find this style of bed lasts well.

HERBACEOUS PLANT NOTES.

One of the prettiest objects in the border at present is the very dwarf and dense growing Alyssum Alpestre. It begins to open the first flowers about May 20th with us and usually lasts well into July, forming a smooth and very even sheet of gold, laying close to the ground; every branch, however small and weak it may be, terminates in a flowerhead, and as the habit of the plant is so very compact and branchy, the flowers completely hide the small oblong leaves until all are faded. But even when not in bloom, the neat, clean growth with its many little leaves is a decided attraction throughout the year, for it retains the silvery grey color summer and winter and I have never seen any ill effects by severest frost, even on very old plants, which had a spread of several feet; the centers do not get bare or die out as is often the case with many other choice dwarf things.

A. argenteum has larger flowerheads, grows taller and more robust, the wood is stouter and the roundish oblong foliage is also much larger. It attains a height of about 6 to 8 inches and is really equally desirable, though the looser growth, rambling habit and larger flowerheads create an entirely different effect in a border. Both of them are easily raised from cuttings at most any time in the year, or the plants may be divided after flowering, which is a better time than fall or spring, because we thereby induce the plants to perfect a fairly good growth before winter sets in. The new growth will be strong enough to bloom freely when their regular flowering time ar-



One of the Houses of Garland Bros., Des Plaines, Ill., with iron gutters.

rives again, while fall or spring divided plants will make but an indifferent show the first season. A. argenteum is usually about 10 or 12 days later than A. alpestre, but this depends largely on soil, situation and exposure; both do well in dry and sunny positions and are also very acceptable for the sunny parts of a rockery.

Daphne cneorum is such a prolific bloomer and requires so very little attention when once planted that everybody should have it in the garden; if they could be propagated rapidly I suppose we would then see them oftener, but it takes time to grow decent salable plants, either from layers or by cuttings and therefore none too many are offered for sale. The sweet scented bright pink flowerheads form early in spring in greatest profusion at the end of each little shoot, and the successive growth will again bloom toward fall, though more sparingly than in spring. The foliage remains fresh and green all winter. We have some in the rockery, in dry and sunny borders and on moist ground, doing well in either place.

At Highland Park I noticed lately the elegant D. Genkwa, a dwarf evergreen little shrub, which is admirably well adapted for the border. The flowers are produced very freely all along last year's wood, bright lilac blue in color, rather large and very fragrant. The plants have made a good growth for the last two years in the rather light, dry and sandy soil and appear to like it there. It is a Japanese plant, I believe, and came out about 25 or 30 years ago, but is still considered a rare plant.

Silene acaulis forms a mossy tuft a few inches high only. The minutely small flowers are bright pink; a few are white, studded all over the mossy surface from May to August. They are bright little objects either for the rockery or in the border and very interesting. Too much moisture in fall or winter often causes the tufts to decay in the center, but in high and dry locations they are safe and may remain untouched for a number of years, spreading over a considerable space of ground. They divide readily and this is the quickest way to increase the stock.

Another low, compact evergreen plant we have is the charming Aethionema pulchellum (often called Iberis jucunda). The delicate pink flowerheads are freely produced on every growth from the middle of May until very near July. The leaves are glaucous green, very small, narrow and not over three-fourths of an inch long, generally only one-half inch; the little stems are woody, short and branchy. It is a little gem and is highly satisfactory wherever introduced. These little things may not be suitable to plant in among tall growing or coarse-foliaged plants where they would be overshadowed and lost, but they have few equals when planted in the front part of a neatly arranged and well-kept border where their nearest neighbors are of compact dwarf growth and do not obstruct light and free circulation of air. Neither of the two last named plants are very plentiful, though quite easy to grow, and they are so very pretty, they surely deserve to be grown in every collection.

The dodecatheons are out now, various rosy shades. Lilac and white are represented in D. Meadia. The flowers are borne in large, loose, half-drooping umbels on erect stems 10 to 15 inches high, the leaves are less than half that height, oblong, broad in the middle. D. integrifolia is a much dwarfer species with rosy crimson flowers, seldom grows over 6 inches high and D. Jeffreyanum is probably only a taller and more robust form of D. Meadia, though it is regarded by some as a separate species. All do best in a partially shaded position, where the ground is not too dry, but I have seen them do well for some years under the opposite conditions. Propagate by division in early spring, but they are slow to increase. Seed sowing is not always crowned with success except when we can procure it strictly fresh.

The trollius are grand things when once they get established in the border. Small plants with one or two flower stems do not make much of a show, but when grown into large clumps, they are gorgeous and keep up a succession of gay bloom for a long time, often again flowering in the autumn. T. europaeus is pale yellow when opening, growing darker with age. The flower stems are branching, about 1½ feet high, erect and stiff enough to support the large globular flowers. T. asiaticus resembles the former in habit and form of flower, but its color is a very dark shade of golden yellow. When I was young we were told that trollius would not do in any but a rather moist place, but I have learned long ago that we can grow them anywhere if the soil is moderately rich. In dry weather we may have to coax a newly planted row in a dry position for a month or two until the plants get established, but after that no difficulty has been experienced with them and they should be left alone entirely for many years. A mulching of decayed manure in fall or winter is all they require. The flowers of all the trollius are very useful for cutting and are with us frequently called for. They last well and will even perfect the half developed flowers on the lower part of the stems when placed in water. Division is the only way to increase the stock of the double forms.

Lychnis alpina has been a mass of bloom almost since the beginning of May. It is not more than 6 or 8 inches high, but its large clusters of bright pink flowers show off from a great distance. At Highland Park the other day, Mr. Dunbar pointed to a colony of this pretty perennial. We were standing 8 or 10 rods away from it on the hill and the cheerful mass of color could have been plainly seen to advantage at a much greater distance. It does well in dry and exposed positions, requires only the simplest care and not much of it either. Highland Park is about the only place where I have met with this elegant little plant in many years outside of our own collection. Its many good qualities are not known apparently, else it would be used quite frequently along the front of borders and in prominent parts of shrubberies near walks or driveways.

Iris cristata is a most prolific bloomer. From a little row, 10 feet long, we have picked many hundreds of its

bright flowers within the last few weeks and still they are coming on every day. As it only grows about 6 or 8 inches high, you may think that the flower is not very desirable on account of the rather short stem in comparison with the large flower, but you may form a different opinion after you have used them in design work. They are unique in shape and of a delightful light blue color which contrasts well with the bright yellow and very prominent crest. A wreath of white sweet peas, trimmed with these irises is a dainty affair. J. B. KELLER.

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G. L. GRANT, EDITOR AND MANAGER.

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BRIDESMAID CARNATIONS.

A subscriber to The Review takes exception to my remarks about the above carnation a week or two ago. I said "it was always giving promise of an abundant crop, but you never realized the crop." Subscriber seems well pleased with it and relates that he has great success, with fifty plants and sold the flowers for 20 cents per dozen more than other varieties.

My experience has been entirely different, and those seen at my neighbors' and elsewhere have proved as disappointing as my own. I can only say that if Bridesmaid has turned out such a good thing in Fulton Co., N. Y., you should not discard it for a variety that has yet to be proved better with you. Triumph is a much better producer with us, and even Emma Wocher, although on the small side, produces many more flowers with fine stems that sell well. There will be such a flood of grand pinks offered next year that all existing varieties, with perhaps the exception of Scott, will be back numbers. W. S.

PHILADELPHIA.

Bedding Plant Trade.

The bedding plant season is drawing to a close. Prices fell immediately after Decoration day, partly from custom, partly because a later and less costly batch of stock was ready to offer. This business has been fairly satisfactory to those who have had good stock and have not sacrificed it.

Geraniums have sold in enormous quantities. The dark red, almost crimson, varieties have been most popular. In the doubles, S. A. Nutt—named after a New York ticket agent by John Thorpe—has been in brisk demand, displacing the old La Pilote, which is second favorite here. Wonderful, Bruantii and Double General Grant are also seen in quantity.

In singles, General Grant and several others of that shade of scarlet, are seen, but they are hardly as popular as the doubles. Lilian Smith, a deeper shade, is an excellent sort, deserving to be better known. In pinks, Madam Thibaut, though a first class bedder, is very difficult to sell on account of its shade—a sort of purple pink. Beaute de Poitevine is growing in favor. Gloire de France is also seen in quantity. In singles Christine Nillson is the best.

Cannas are not very satisfactory to the commercial grower under existing conditions. There are three causes that bring this about. The numbers that are sowed in the fall and planted out, dry roots, the cheap offers of the large growers, usually plants from 3-inch pots, and the ignorance shown in making the beds and caring for the plants after they are in the ground.

Try two beds of the same variety of cannas side by side, both filled with rich soil; let one be made in the old-fashioned way—higher in the center than at the edge, mound-shaped, so to speak; let the other be concave in the center, from two to four inches deeper than at the edge, according to the size of the bed, so that every drop of water that falls on that bed will soak into the soil. Plant and water both thoroughly, water freely when dry, and watch the result. The first bed will give magnificent foliage and some bloom. The second, magnificent bloom, and growth much shorter than the other.

The increase in the demand for cannas has benefited sage. Clara Bedman has superseded splendens and is profitable and satisfactory, especially so as an edging to cannas. Verbenas seem to be somewhat on the back track now, perhaps they show the effect of neglect too quickly. Double petunias are displacing the single varieties to a certain extent. Except for baskets, boxes or vases, nearly everybody sows their own nasturtiums now, getting good results in borders and on walls by July 1.

Small flowering vines seem rather less popular than Vinca alba var., more of which should be grown. Sweet scented flowers and foliage, such as heliotrope, mignonette, rose geranium and lemon verbena have been a bit scarce and in brisk demand. Pansies sold in enormous quantities.

Cut Flower Market.

The cut flower market has been very active during the past week. Decoration Day business was brisk, with slight advance in prices here and there.

The first of June came on Wednesday and with it the lovely June roses from outdoors, and several June weddings.

Brighter weather came and stayed nearly all week. Business continued brisk until Saturday, when a slight lull was noticed.

Probably another good week in the next three and then the summer quiet will set in. Beauties bring 75 cents to $3 a dozen; good teas, $3 to $5 a hundren; carnations, 75 cents to $1.00, occasionally $1.50; sweet peas, which are fine and more numerous than ever before in July, 35 to 50 cents; paeonies, ditto, ditto, $3 to $4; cornflowers, with fine stems, 50 to 75 cents.

It is interesting to note in the last number of The Review that "E." of Toronto, so cordially endorses the views expressed by G. C. Watson before the New York Florists' Club. Mr. E. has, if I mistake not, so much experience in conducting shows that his opinion should go far towards convincing us that Mr. Watson has found the key to making our shows self supporting. J. W. Y.

NEW YORK.

In the Wholesale District.

"Everything plentiful and everything cheap" was the reply to my query how the market had been during the past week. There have been big lots of Beauties, big lots of roses, carnations and outdoor stock. Outside Jacks are coming in and there are

oceans of paeonies, the latter at this writing ranging from $4 to $5, though by the end of this week prices are likely to take a tumble. Carnations are exceptionally good and with long wiry stems; the past weather seems to have suited them; $1.00 per hundred is about the average top price, however, while big stocks are sold as low as 50 cents, with Scott mostly in favor and bringing the best price.

Graduating day at the Packer Institute, Brooklyn, and the reception this evening has caused a little extra rush during the day, as from accounts a tremendous lot of flowers are to be used. Packer Institute claims to be the largest seminary in the United States.

Mr. E. Koffman, of Walden, N. Y., is in town and is superintending the Japan goods and tuberoses, and could not supply the demand for California seeds. They hear that sweet peas and all other crops are likely to show a shortage next season owing to the drought and frosts that have been prevalent so far.

J. M. Thorburn & Co. will move to their Cortlandt street store about the end of the month. In reply to my inquiry about trade Mr. F. W. Bruggerhof reported "a big improvement over last year."

Various Notes.

Mr. William R. Siebrecht, second son of H. Siebrecht, of Siebrecht & Son, will be married tomorrow evening at New Rochelle to Miss Alice May Lent. The decorations will be very elaborate and I hope to send detailed description next week.

growers, wholesalers, and retailers, completely cleaned out of everything in the line of natural flowers, while the trade in dried flowers and designs did not quite come up to expectations.

Among the growers stock is not very plenty, but the demand is so light that quotations seem out of place. Roses are down almost to summer prices; in fact, a buyer for a large lot could almost name his own figure. Sellers are asking from $3.00 to $6.00 per hundred, with extras bringing $8.00. Jacks and Brunners are out of the market, while Beauties are in sufficient quantity to supply the demand, averaging from $2.00 to $4.00 per dozen. Carnations are a drug, $2.00 per hundred being an outside figure, while such stock as lilies, stocks, spiraeas, etc., are sold at buyer's prices.

View at the May Exhibition of the Cincinnati Florists' Society.

arrangement of his wholesale store, which he will open about July 1 at 52 W. 29th street. Here's success to you, Mr. Smilax King.

I saw today one of the finest pieces of Cattleya Gigas I have ever seen. The plant, which was only in an 8-inch basket, was on exhibition at the store of MacDonald & McManus, who handle a very complete line of orchid flowers.

Seed and Bulb Trade.

Next week, starting June 14th, the Seed Trade Association hold their annual convention at Old Point Comfort, Va., and several of the local craft, including Mr. A. L. Don and Henry Nungesser, will be present.

H. H. Berger & Co. report a very good spring trade and have no stock left whatever. There has been a large call for tuberous begonias, caladiums,

Next Monday evening will be ladies' night at the regular meeting of the New York Florists' Club, and members are invited to bring their wives, "their sisters and their cousins, and their aunts."

Prof. Elson, of the New England Conservatory of Music, will entertain the members with a lecture on "Music and Flowers," and a very enjoyable meeting is anticipated. P. S.—Single men may bring their sweethearts.

Mr. Wadley, of New Brunswick, was a recent visitor.

BOSTON.

Review of the Market.

Decoration trade was entirely satisfactory, in spite of all the wet weather which preceded it, and on Monday everybody had a smile on their face;

The Plant Trade.

Only two entire sunny days in the last three weeks is enough to discourage most anyone, and the plant growers are no exception. It looks now as if the business was either going to come all in a rush, or that we are going to be badly left. Down at the markets, where growers have at this time of the year got rid of one or two loads a day, they have now to cart fully one-half of their load home, while what they do sell is below regulation prices.

At the auction room, there are quantities of stock, and of fine quality, but buyers are scarce, all looking for bargains, which are in abundance, and our auctioneer gets pretty dry trying to induce visitors to invest. Usually Decoration week is a banner week for plantsmen, but the rush did not mate-

rialize this year. Another week will, however, probably bring buyers from the beaches, which will have a tendency to tone up the market.

News Items.

Buyers from Providence, R. I., Portland, Me., and Manchester, N. H., were visitors to the market on the Saturday before Decoration Day.

Massive pieces, such as wreaths and standing designs, made entirely of tips from arbor-vitae, spruce and hemlock trees, were quite a feature at Galvin's on Decoration Day.

B. L. Clark, of Randolph, exhibited at the exchange quite a novelty in a seedling carnation, the color being of deep lilac, similar to that of sweet pea Dorothy Tennant.

Owing to the lateness of the season, the annual rhododendron show has been changed from June 2d to June 7th.

N. F. McCarthy & Co. has had on sale at the auction some fine specimens of Latania Borbonica, consigned from Belgium, and they have sold low for such stock.

At Galvin's the old sign, "Galvin Bros.," has been taken down. It is now "Thos. F. Galvin."

J. R. Fotheringham, representing Pierson & Co., of Tarrytown, N. Y., has been going the rounds the past week, also Mr. Chadborn of The Chadborn Ventilating Co., of New York.

P.

CHICAGO.

The Market.

There is an immense supply of flowers in the market and prices generally rule very low, though there is really a shortage of good roses. There is poor stock to burn, but not enough of first class shipping grade. Carnations are in greater supply in all grades and the best stock goes for $1.00 a hundred but from that the rate grades down to the zero mark. The very highest price on tea roses is $4 a hundred and very good stock can be had for $3, while the bulk of the stock goes for next to nothing. Other flowers all move very slowly and the buyer can pretty near set his own values. Dealers who have high class roses to offer report a very satisfactory business, but the others complain. There is a shortage in the supply of common ferns.

Local trade seems almost dead and shipping orders are all that keep the dealers from going to sleep. According to all precedents June should average well on account of the school closings.

Club Meeting.

At the meeting of the Florists' Club last Friday evening it was decided to follow the plan pursued last summer and the officers were instructed to call special meetings from time to time during July, August and September, at such places as they found expedient. This means that the club will take a series of outings similar to those of last summer. The program includes a trip by boat to Milwaukee and other convenient points will be visited. Announcement of the first "special" will be made in a week or so.

Bowling.

Following are the scores and averages made at the alleys last Friday evening:

	1st.	2d.	3d.	4th.	Av.
E. Winterson	173	165	170	150	164
G. L. Grant	129	160	194	171	163
George Asmus	131	176	130	152	147
John Zeck	139	149	146	...	144
P. J. Hauswirth	111	157	149	...	139
G. Stollery	183	90	124	154	138
F. Robinson	147	112	145	...	134
J. Degnan	112	112	136	172	133
C. W. McKellar	105	140	146	135	131
C. Balluff	108	132	104	143	122
W. Kyle	150	110	86	...	115
A. L. Vaughan	110	75	137	110	108
S. Snedeker	122	118	81	...	107
W. Kreitling	86	109	123	...	106
C. Schweigert	91	91	...	...	91
F. Stollery	109	76	99	69	88
D. F. Hawkes	80	...	...	...	80
A. Henderson	100	73	61	...	78
T. F. Keenan	63	80	82	...	75

Among the Growers.

Des Plaines is popularly known as "Carnationville," and the title seems well deserved. Carnations are the leading feature with all the growers and some grow but little else.

One of the largest establishments is that of Garland Bros., covering 45,000 square feet of surface. Among the carnations they will house for the coming season are 7,000 plants each of Daybreak and McGowan, 3,000 each of Tidal Wave and Portia, 2,000 Jubilee and a few hundred each of Argyle, Pingree and Flora Hill. They have an excellent pink seedling, a cross between Scott and McGowan, and a yellow one similar to Pingree, but of deeper color. In roses they grow only Perles, Brides and Maids. Their Perles look well and they say they give them more heat than the other varieties.

Mr. F. L. Pruse has about 30,000 feet of glass and grows little besides carnations. His stock for the coming season consists of 8,000 plants each of Portia, Scott and Daybreak, 6,000 McGowan, 2,000 each of Jubilee, Flora Hill, Alaska and Tidal Wave. The plants in the field are looking well. He finds watering in the field a necessity during dry spells, and has a water pipe extending the whole length of the field, with a stop-cock at each lateral path. To prevent the hose from dragging over the plants and to avoid wear on the hose, he has a movable section of plank on which is a horizontal wheel around which the hose is drawn when watering. He will this season build a new plant house, 10x100.

Mr. W. S. Garland has about 20,000 feet of surface covered with glass, which is practically all in carnations. His stock for the coming season consists of 15,000 Daybreak, 6,000 Tidal Wave, 7,000 McGowan and a few hundred each of Flora Hill, Gold Nugget, White Cloud, Evelina, Argyle and Pingree. He has of late had trouble from slugs eating the buds of his carnations and is fighting the enemy by dusting the plants with slugshot, to which Paris green has been added. He adds two teaspoons full of Paris green to five pounds of the slugshot. He gives the plants a good watering and when the foliage is dry dusts the plants, avoiding further watering for several days. The slugshot alone does not seem to be strong enough and the Paris green alone will not stick to the foliage. Mr. Garland has cut as high as 50,000 carnation blooms for one occasion, such as Easter. He will try some violets this year, and will this season rebuild a number of his houses.

S. Garland, Jr., has the old original Garland place, succeeding his father, S. Garland, last year. The houses, which cover 35,000 square feet, were originally used for vegetables. Some of them are quite old and Mr. Garland intends to rebuild the whole place next year. He grows violets largely and expects to bench 25,000 plants for next winter's work. He also grows carnations, and his stock for the coming season includes 5,000 McGowan, 2,500 each of Daybreak and Tidal Wave, 1,000 Portia and 500 each of Pingree, Flora Hill, Argyle and Jubilee. He also grows chrysanthemums and bulb stuff and will the coming season try a house of callas.

Julius Fulle was formerly with W. S. Garland and started in for himself five years ago. He has a well kept small place, all in carnations. For the coming season he is growing 3,000 Daybreak, 3,000 Tidal Wave, 1,500 Scott and 800 McGowan. He tried solid beds, but returned to raised benches. He has a house of Scott that is still in splendid condition after having produced abundantly all winter.

Various Items.

Mr. A. L. Shriver, Hoopeston, Ill., was a visitor last week. Mr. Shriver is endeavoring to sell his greenhouses so he may remove to Florida.

Mrs. F. L. Pruse, Des Plaines, was unfortunate enough to have her arm quite badly burned last week through an accident to a gasoline stove.

Ben Moss, the veteran florist, of Mendota, Ill., died last Sunday.

Bassett & Washburn report a brisk shipping trade and sales very satisfactory for the season.

E. H. Hunt is offering a fine line of baskets suitable for school commencements.

ST. LOUIS.

The Market.

Decoration Day was good for the shipping trade, but the retail business did not amount to much.

Prices went up a little on good stock only, but good stock is becoming scarce and it's just as well, as business is very dull about town. Wholesale men complain that too much stock is coming in that cannot be used, and only the very best finds ready sale at low prices.

Sweet peas and Jacques are most plentiful. The sweet peas are mostly all Blanche Ferry, and sell at 40 cents per 100. The Jacques bring $1 per 100, or $5 in 1,000 lots.

All kinds of roses (except Beauties) can be bought at from $1 to $3; Beauties, for the very best, $1 and $2 per dozen. Carnations are getting smaller each day and are not in very good color, except Scott. In small lots they sell at $1, but in 1,000 lots go as low as 40 cents per 100.

Notes.

At this time of the year news and trade notes among the florists are very scarce, and will be from now until the season opens again.

Ostertag Bros. have opened a palm house at the southwest corner of Jefferson and Washington avenue. In this store they will keep only artificial goods.

Wm. Trillow, of Belleville, Ill., who is now in charge of the St. Clair Floral Co.'s greenhouses, has also taken the Hucke greenhouses. Mr. Trillow has leased both places in order to be in shape to grow flowers of all kinds for the St. Louis market.

Beyer Bros. will start at once to build four new houses, one 60x100, one 14x100, and the other two 25x100. The boys report that spring planting trade has been very satisfactory with them.

Missouri Botanical Garden was opened to the public yesterday (Sunday), and attracted the largest Sunday crowd in the history of this famous beneficence. The garden is open to the public on Sunday twice a year, the first Sunday in June and the first Sunday in September, as provided for in the will of the late Henry Shaw.

A Surprise at the Bowling Club.

The bowlers were treated with a genuine surprise Monday night. After bowling two games and about to start the third one four ladies walked in. They proved to be Mesdames Fred Weber, John Kunz, C. A. Kuehn and J. J. Beneke. They said they only wished to see how their husbands spend every Monday night.

They were gently received by Dr. Helwig, who assured them that their husbands were well taken care of every Monday night. The doctor ordered lemonade for the ladies, after being complimented on his handsome appearance without his mustache.

After the bowlers had rolled their usual three games the ladies were invited to roll a game of cocked hat and, strange to say, they all rolled the same score of 25 each. As all these ladies expect to go to Omaha with their husbands in August, they are thinking of sending a challenge to any four ladies at the convention. The score of the club bowlers were as follows:

	1	2	3	Tot.
C. A. Kuehn	174	172	208	554
J. J. Beneke	184	206	160	550
J. W. Kunz	160	179	188	527
Emil Schray	191	151	182	524
Dr. Helwig	186	145	188	519
John Young	180	185	138	503
Frank Fillmore	154	169	106	429
Fred C. Weber	122	131	124	377

J. J. B.

Partial View of the establishment of Mr. Ernest Saunders, Lewiston, Me.

LEWISTON, ME.

Ernest Saunders has a trim plant with a grand frontage, including one of the best stores in New England. I herewith send a picture of same. Mr. Saunders has recently added a rose house 22x110 feet, three-quarter span, fitted with the Ormsby ventilator, a graceful piece of mechanism. Mr. S. is planting grafted stock. W. M.

GRAND RAPIDS, MICH.

Decoration Day Trade.

The weather is hot and dry and a good shower would do lots of good. Decoration Day trade was excellent, while there were flowers in abundance, excepting perhaps white carnations, good stock sold out close and as predicted plants played a conspicuous part in the day's receipts. Out of door stuff was extensively used and had this factor been removed sales would have been far in excess of what they were; as it was the volume of business was from 10 to 20 per cent greater than last year. In considering this estimate, one must remember some establishments had largely increased their glass capacity for this year. Shipping trade was much lighter than last year. Most of those carnation plants that didn't do as expected during the winter tried to make up for past errors on Decoration Day and everybody seemed to have enough of their own.

Plant Trade.

This week will see most of the work finished in bedding out with the exception of out of town resorts and railroad bedding. Salvias are increasing in popular favor and the days of hydrangeas except in limited quantities are numbered, one great objection to them being they are so hard to keep wet and wilt so soon in warm weather. Pelargoniums suffer even more than hydrangeas.

Notes.

F. J. Meech & Son, of Charlevoix, report a good Decoration Day trade, although the bulk of their business is with the resorters a little later in the season. They grow some magnificent callas of the grandiflora type, stems 5 to 6 feet long, flowers 14x9 inches in size, and beauties.

S. J. Long, of Petoskey, says he never had such a good trade on Memorial day before and is nearly cleaned out of salable plants.

In the last issue of The Review it appears that Mr. Stover, of Grandville, had 5,000 carnations - plants in the field; it should have read 25,000.

GEO. F. CRABB.

OUR LONDON LETTER.

[From our London Correspondent.]

Odontoglossum Crispum Princess Christian.

I wish every reader who cares for orchids could see this splendid variety of O. crispum which was shown by Baron Schroeder at a meeting of the Royal Horticultural Society.

The plant had a spike of twelve flowers, each large and broad, the ground of both sepals and petals being white, but in the former there is a suffusion of deep rose, relieved by blotch-

es of chestnut-brown, the petals fringed and spotted with deep crimson-brown in the center, while the lip is richly blotched also.

Amaryllises.

Of amaryllises or hippeastrums many of the new varieties eclipse in beauty of form and color even the fine kinds of previous years. That is saying much. A variety named Beacon is magnificent. The flowers are not only intense velvety crimson in color, as velvety as the petals of a Prince Camille de Rohan Rose, but of handsome form with a conspicuous regularity in the width of the segments.

Hyacinth City of Haarlem.

This is a distinct addition to the yellow hyacinths, the flowers single, very soft in color and produced in a remarkably symmetrical spike.

THE HARRISII DISEASE.

Inquiring further into the experiments made at Lincoln Park, Chicago, with Kraft's Plant Tonic, we found that the experiments were all with bulbs in which the disease was well developed. The solution was half plant tonic and half water and about a tablespoonful of the solution was poured into each bulb, at the top, so it would penetrate down between the scales. Diseased bulbs that had been lifted from the soil were also treated in the same way, and in every case the mites were dead inside of ten hours, with no apparent injury to the bulb.

The method of prevention that will be followed the coming season will be to take the bulbs when received, place them on a flat surface with the crowns all up, and then sprinkle them with a half solution of the plant tonic. It is necessary to have the bulbs right side up so the solution may pass down between the scales where the mites are usually concealed.

AURORA, ILL.—Miss Grace Smith, daughter of Mr. and Mrs. W. L. Smith, was married June 2 to Mr. Miles Bronson, of New York. The wedding was a very elaborate affair, attended by a host of friends. An interesting fact is that the ceremony was performed by the same minister who, twenty-four years ago, united the parents of the bride. Mr. Bronson has an important position with the New York Central Railway, with headquarters in New York City.

WANT ADVERTISEMENTS.

SITUATION WANTED—As foreman or grower by competent man. Best references. Married, no children. Address Foreman, care of Florists' Review.

WANTED—In large cut flower growing establishment, experienced single man to take charge of four rose houses. Address, stating wages wanted, B. P., care Florists' Review.

SITUATION WANTED—By an A 1 grower of general greenhouse stock; 20 years experience; best of reference. Dick, care Florists' Review.

FOR SALE—Six greenhouses, about 14,000 feet of glass; well stocked; wholesale and retail town of 4,000; no competition; less than 100 miles from Chicago; two railroads; good seed trade. For particulars address A., care Florists' Review.

Clear Cypress Greenhouse Material.

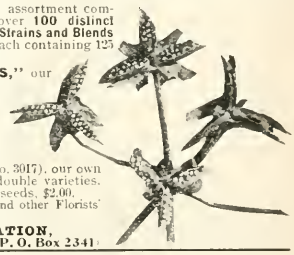
This *with us* means the best growth of Cypress Lumber and the best grade of that growth; and from this grade all the sap—bright sap, which only experts can detect—as well as stained sap, knots and other defects cut out. Others do not equal our quality if they do beat our prices. It is not hard to see the reason: You can not buy gold dollars at fifty cents each. Experienced growers know that the best is not too good and cheapest in the long run.

Write for Circulars or Estimates.

Lockland Lumber Co.,
LOCKLAND, O.

PANSY SEED HEADQUARTERS.

Our assortment comprises over **100 distinct Colors, Strains and Blends**



Special Offer: (No. 2736) Sixty (60) **packets,** each containing 125 seeds of distinct varieties (7,500 seeds in all), for $1.75.

The **"THREE BEST BLENDS for FLORISTS,"** our own formulas (Nos. 2632, 2709, 2710), 1,000 seeds each (3,000 seeds in all) for $1.00. Double quantity, $1.75.

CALCEOLARIA (James' Strain), Extra Large Flowering Mixed (No. 1781). Pkt., 15c; trade pkt., 50c.

CINERARIA, Extra Large Flowering (No. 1925), the best. Pkt., 15c; trade pkts., 50c and $1.00.

PRIMULA, N. Y. Special Florists' Blend (No. 3017), our own mixture of over 25 distinct large flowering fringed and double varieties, besides latest novelties. Pkt., 10c; trade pkt., 50c; 1,000 seeds, $2.00.

All the above delivered prepaid. For separate colors, and other Florists' Seed, send for advance trade list.

N. Y. MARKET GARDENERS' ASSOCIATION,
283 Sixth Ave., New York. P. O. Box 2341.

ASPARAGUS PLUMOSUS NANUS, 2½-in. pots, $1.00 per doz., $7.00 per 100
" " " Seed Bed, .50 " 3.00 "
ASPARAGUS SPRENGERI, Seed Bed, - - - .50 " 3.00 "

SEAWANHAKA GREENHOUSES, Oyster Bay, N. Y.

SITUATION WANTED—By practical florist, as foreman. First class grower and propagator of ferns, violets, 'mums, etc. Age 36, married, near New York preferred. Address H., care Florists' Review.

FOR SALE—Greenhouses in one of the best cities in Eastern Illinois. Three houses, 3,700 feet glass, doing a good paying business, city water, telephone, and within three blocks of court house. No competition. Immediate possession given. Address H. D., care of Florists' Review.

TO RENT—Space in store at 451 East 47th Street, Chicago. Splendid location for florist, best on the South Side. Call and investigate.

WANTED—Good grower of roses and carnations as section foreman, also two young men with some experience as helpers. Address K. L., care Florists' Review.

SITUATION WANTED—As foreman with reliable firm. Roses, chrysanthemums, violets, etc. First class references. Address Ribes, care Florists' Review.

SITUATION WANTED—By an A1 grower of general greenhouse stock. Am 30 years old and single. If in need of a good man and are willing to pay fair wages, address M. K., care Florists' Review.

FOR SALE—First class retail stand, about 5,000 feet of glass, new. Has never produced less than $1,300 per year, net. Will require $1,000 cash; balance, time at 6 per cent. Reason of selling, failing health. Address Illinois, care Florists' Review.

WANTED—First class all around florist and gardener to take charge of 2 greenhouses (12 and 18 x 100) and vegetable garden or run same on shares; must be strictly sober and of good habits. Reply, stating wages wanted, to XX, Florists' Review, Chicago.

SITUATION WANTED—As propagator of general greenhouse stock, by a florist that is a good worker and strictly temperate. Good references. Address F. A., care Florists' Review.

SITUATION WANTED—As foreman, good grower, single, age 30. Address N. T., Florists' Review.

FOR SALE—Four greenhouses, nearly new. Splendid retail stand in residence district on paved street leading to cemetery. Easy terms. Must retire on account of health. A. Claus, 501 N. 4th St., Springfield, Ill.

WANTED—A first-class grower who knows enough to run a place on business principles, to buy one-half interest and take full charge; must thoroughly understand the business. If dissatisfied with his purchase any time within one year he can have his money back. For particulars address A. H., care Florists' Review.

SITUATION WANTED—By expert grower of plants and cut flowers. Competent in every department. Seeks a situation where he may have a chance to make his services worth more than in his present place. Can surely advance his employer's interests if given suitable opportunity. Address S. D., care Florists' Review, Chicago.

WANTED....

A quantity of Pandanus Veitchii Plants or Cuttings.

Address, stating size, quantity and price, L, care of Florists' Review.

Hot-Bed

Sash.

Tenons white-leaded. Corners secured with iron dowel pins. Every detail of construction perfect. Made of Clear Cypress Lumber.

Quick Shipments.

We have in stock and can ship immediately:

3 ft. x 6 ft., 3 rows 10 in. glass.
3 ft. 3 in. x 6 ft., 4 " 8 in. "
4 ft. x 6 ft., 5 " 8 in. "

Not glazed, 1¾ in. thick.

Delivered Prices

Quoted on application. State size and quantity wanted. No order too small to receive careful attention, and none too large for our facilities.

LOCKLAND LUMBER CO.,
Lockland, Ohio.

FINE PALMS.

ARECA LUTESCENS,
1 plant, 2-inch pot, per 100..... $6.00
3 plants, 5-in. pot, 18 to 20 in. high, per 100, 40.00
3 plants, 10-in. pot, 48 to 50 in. high, each, 4.00

COCOS WEDDELIANA,
1 plant, 4-in. pot, 15 to 18 in. high, each, .50
1 plant, 5-in. pot, 24 in. high..... " .75
1 plant, 5-in. pot, 30 in. high..... " 1.00

KENTIA BELMOREANA,
1 plant, 2½-in. pot, 3 leaves, 10 to 12 in. high, per 100..... 20.00
1 plant, 3-in. pot, 4 to 5 leaves, 15 to 18 in. high, per 100..... 25.00
1 plant, 5-in. pot, 4 to 6 leaves, 20 to 24 in. high, each..... 1.00

All measurements from top of plant.

JOSEPH HEACOCK,
Wyncote, - - PHILADELPHIA, PA.

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ANSWERS TO CORRESPONDENTS

For some time past a number of letters of inquiry have reached us from florists and others, requesting our opinion concerning the "Excelsior Brand" of Plant Food offered by The Walker Fertilizer Company of Union Springs, N. Y. The merits claimed for it by the manufacturers may be briefly set forth as follows: That the article in question is a helpful and harmless fertilizer, gives forth no odor and is soluble.

In order to arrive at a decision in the interests of those who have written us, we instituted a very complete and searching examination into all the facts. We also took the further precaution of consulting with many people who have had practical experience with the "Excelsior Brand" of Plant Food, and whose estimate is necessarily worthy of serious attention, they having been purchasers in the open market. These people could have no object in stating anything but exactly what they think. All that we have done in the line of investigation has been accomplished unknown to those in any sense concerned with the ownership or sale of the article in question.

It now only remains for us to publish the result of our investigation and we are obliged to admit that the verdict is unanimously in support of the proprietors' claim. We are speaking here without fear or favor, and in an absolutely impartial spirit, bearing in mind solely the interests of our readers. Fairness to the article at the same time leaves us no option than to commend it. Unwilling as we are to occupy our space with matters out of the usual literary line, we cannot ignore the mass of inquiries on the subject, more especially in view of the high record that we find this article has made for itself and its manifest value to the public. When we add to this the fact of our own independent tests having proved to our complete satisfaction that here is an article calling for the endorsement of a journal devoted to questions of hygiene, sanitation and household matters, it evidently becomes our duty to draw attention to it. The American Journal of Health has a double duty to perform, it must both warn against imposition and advise its readers as to where the best of everything in ordinary use is to be found. Unreliable and unworthy articles in every imaginable line flood the market and are simply devices to deceive the public, and to the existence of a really meritorious article is therefore all the more important and worthy of notice. In the "Excelsior Brand" of Plant Food we have thoroughly convinced ourselves that the public has within its reach something which fully calls for their confidence, and which has not claimed any merit it does not possess.

We now take the opportunity of informing the numerous correspondents who have sought our opinion that they will best consult their own interests by making use of this article. The one thing needful to ensure satisfaction is that the rules for its use, as plainly laid down by the proprietors, be followed. These, of course, will easily be understood by all. Ample information on the subject can be gathered from the circulars and similar matter obtainable from the proprietors, and into the details of which this journal has no space to enter. To intending users of the "Excelsior Brand" of Plant Food, however, such details are of value and interest. Finally, we would say that our consideration is given without any consideration for the commercial interests of the proprietors, but entirely because the facts in the case warrant it.

VALUE OF THE EGG IN SICKNESS.

The value of egg albumen as food in certain diseased conditions is pointed out by Dr C. E. Boynton. When fever is present and appetite is nil, he says, when we want an aseptic article of diet, the white of an egg, raw, serves both as food and medicine. The way to give it is to drain off the albumen from an opening about half an inch in diameter at the small end of the egg, the yolk remaining inside the shell, and a little salt to this and direct the patient to swallow it. Repeat every hour or two. In typhoid fever this mode of feeding maternally helps us in carrying out an antiseptic plan of treatment. Furthermore, the albumen to a certain extent may antidote the toxines of the disease. Patients may at first rebel at the idea of eating a "raw" egg, but the quickness with which it goes down without the yolk proves it to be less disagreeable than they suggested, and they are very ready to take a second dose.

CONTAGIOUS DISEASES

Contagious diseases cause a mortality among nurses larger than is usually supposed, but not so great as formerly. This is not so much the case among the trained and educated nurses as among the orders of sisters, who do not take the necessary care and exercise, and who do not always dress in a hygienic manner. The nurse must keep her clothing scrupulously clean in the care of contagious diseases, must keep away from all other persons, and must insist on a certain amount of outdoor exercise each day. In examining a throat or making an application to it, the nurse should hold her breath, if the time is not too long, and she must keep a sharp lookout for a sudden cough.

Kraft's Plant Tonic... 99°.

KILLS Scale, Mealy Bug and other Insect Pests, as well as imparting beauty and vigor to the plant

Will Kill the Mite that causes the Harrisii Disease

A trial of a 25-cent bottle will convince you that a really remarkable insecticide has been discovered. Send for circular.

Kraft Plant Tonic Co. Rockford, Ill.

Choice Stock at Special Prices

Alyssum Dwarf—2½-in. pots, $2.00 per 100, $18.00 per 1,000.
Nasturtiums—Tall and dwarf, 2½-in., $2.00 per 100, $15.00 per 1,000.
Geraniums—S. A. Nutt and Heteranthe, 4½-in. pots, $8.00 per 100.
Cobaea Scandens—Fine plants from 5-in. pots, $8.00 per 100.
Choice Mammoth Verbenas—From 2½-in. pots, $2.00 per 100; $15.00 per 1000.
Alternanthera—2¼ in. P. Major and A. Nana, $2.00 per 100; $18.00 per 1000.

Long Distance Telephone, Oakland 319.

Cannas—Choice stock from 4½ and 5-in. pots including Austria and Italia, $15.00 per 100.
Marguerite Carnations—Fine plants from 2½-in. pots, $2.00 per 100; $15.00 per 1000.
Centaurea Candidissima—2½-in. pots, $2.50 per 100.
Lobelia—Tall and Dwarf, $2.00 per 100; $15.00 per 1000.
Coleus—Golden Bedder, Verschaffelti and others, $2.50 per 100.

S. MUIR, 3530 Michigan Ave., CHICAGO.

ST. PAUL, MINN.

Trade for the month of May was up to the average or even better than the average. While the weather was decidedly cool until the 25th, thus retarding bedding work, I think the volume of business in money value will exceed any previous year.

There was an unusually good demand for Decoration Day, both for plants and cut flowers. The city trade inclining more to plants, the country to cut flowers. Stock was plentiful and of good quality. Roses retailed at $1 to $1.50 per dozen, carnations, Jasmine and valley at 50 cents per dozen. Outdoor stock was not very plentiful. Valley from outside was in its prime. Lilacs all gone. Snowballs just in and paeonies not yet in bloom. Decorations at the cemeteries, while not elaborate, were plentiful, nearly every grave having something upon it. The Grand Army posts used flowering plants instead of bouquets, a very sensible change, as the plants will last for several weeks and cost less than a handful of cut flowers, which would wither and fade in a few hours.

Bedding out, which was delayed by the backward season, is progressing finely and another week will see this work nearly completed. As usual the demand has been largely for geraniums, ageratums and that class of plants. Cannas have sold well, also pansies, while coleus, alternantheras, etc., have not been in much demand.

June weddings and commencements are now in evidence and roses and carnations are now in great demand. The warm weather of the past week has brought out an abundance of good bloom. The best roses are retailing at $1.50 per dozen, while carnations hold firm at 50 cents per dozen. Some gardenias from the South are still to be had and sweet peas and gladioli are also in stock in limited quantities. Lily auratum and longiflorum are in moderate supply and demand. Funeral work keeps some of the brethren hustling. One modest concern recently put out 29 designs in one day.

X. Y. Z.

KALAMAZOO, MICH. — Joseph Dunkley, the well known florist, died May 27, aged 61 years. He was born in England and emigrated to America when he was 17 years of age.

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FINE ROSES—Shipped Carefully to all Parts of the Country.

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HARDY CUT FERNS
NEW CROP arriving daily. $1.50 per 1,000. Discount to wholesale jobbers. Prince's Pine, 8c per lb. Headquarters for Galax Leaves. Laurel festooning, 4 to 5c per yd.; Laurel and Prince's Pine Wreaths made to order. Fine green Moss in bbls., $1.00; in sacks, 75c. Our goods are always the best to be obtained for the money. Prompt attention to all orders. Send in your orders now for Ferns and you will be sure to have them.
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ROOTED CARNATION CUTTINGS.

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Our American Beauties are Fine Young Plants, Free from Black Spot.

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AM. BEAUTIES	2½-in.,	$4 00	$35 00
"	3 -in.,	5 00	45 00
METEOR	2½-in.,	2 50	22 50
"	3 -in.,	3 50	30 00
BRIDE	2½-in.,	2 50	22 50
"	3 -in.,	3 50	30 00
BRIDESMAID	2½-in.,	$2 50	$20 00
"	3 -in.,	3 50	30 00
TESTOUT	2½-in.,	2 50	22 50
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Plants and Cuttings sent by Express at plant rates (20 per cent. less than merchandise rates.

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Write for prices and terms to the trade and testimonial leaflet.

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AMMONIA	16 per cent.
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VILLAGE MAID (White, striped with Crimson). MIXED (all Colors.)

Price per packet, about 300 Seeds, of any of above varieties, $1.00. Half packets 50c each.

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JOBBER in Chinese Sacred Lilies, Japan, all kinds of Dutch, French and German Bulbs and Roots. Azalea, Rhododendron, Palms and Nursery Stock for forcing and outdoor.

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In fine assortment, from 2½-in. pots.

$3.00 per 100;
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SEVEN DAYS ONLY.

1,000 Aurea Nana, 2¼-in., strong, $1.00 per 100. 3,000 Geraniums—S. A. Nutt, Hermine, Gloria Poitevine and 40 more varieties just as good, 2½-in., $2.00 per 100. 500 Fuchsias, mixed, 3 in., strong, $2.00 per 100. 300 Fuchsias, mixed, 2½ in., strong, $1.50 per 100. 200 Coleus, mixed, 2¼-in., strong, $1.50 per 100. We shall have in a few days a choice selection of Cineraria, Primula and Pansy Seed. Write for prices on large or small lots.

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NOW in course of preparation, The Florists' Manual, by William Scott. It will cover the whole field of commercial floriculture, the articles arranged alphabetically, so that reference may be quick and easy. It will be a whole library in itself. Price only $5.00. Send in your order now to the Florists' Publishing Co., 530-535 Caxton building, Chicago.

VEGETABLE PLANTS

Tomato, Cabbage, Lettuce, Celery and Sweet Potato, 15c per 100; $1 per 1000.
Pepper and Egg Plants, 25c per 100; $2 per 1000.
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All plants by mail, 10c per 100 extra. Price list for large quantities. Cash with order.

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Give us a list of your wants and we will quote same. Don't forget that we are strictly in it on SUPPLIES OF ALL KINDS,

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VAUGHAN, McKELLAR & WINTERSON, 45, 47 and 49 WABASH AVENUE, **CHICAGO.**

HAIL.

Ed. Florists' Review:—Will you kindly publish a few words for us through your valued paper in regard to the recent hailstorm which visited us? We wish to say we are thankful we were members of "The Florists' Hail Association," and thank the officers for the promptness with which they paid our claim.

We most heartily recommend the association to all who are not insured. It is a safe and sound investment, and one which every florist owes himself. He might say, "what is the use of insurance. I have been in business for years and never had a hailstorm." That is true, but the storm may come. The few dollars paid every year as a safeguard, may mean hundreds when the hail does come. During our thirty-one years of business we never had a severe hail, until May 14, 1898, when we lost over 28,000 feet of glass, and we hope it will be the last. As soon as we get the glass in again, will insure double.

ROBT. S. BROWN & SONS.
Kansas City, Mo.

HUNT'S REVIEW OF THE CHICAGO MARKET.

There is not much to be said in regard to the past week. The Decoration Day business over trade resumed the even tenor of its way, much as it was during the middle of May. There has been, however, a decided shortening in the rose supply, so that stock that shows fair size and is free from mildew has sold out fairly well. The great bulk of receipts, however, average small, with a tendency to open up quickly, and sells for what can be had for it. Carnations are abundant and of fair quality. Smilax is plentiful and good, prices are going downward. Lilies of fair quality are to be had in plenty, but sales drag. Out-door valley about at an end, a little still being received from points north. Paeonies are coming from all directions in quantity, prices are low. Out-door grown sweet peas made their first appearance last week and from now on will be much in evidence.

Chicago, June 6, '98.

MENDOTA, ILL.—Ben Moss, the veteran florist, died June 4.

CANTON, O. — Burglars recently blew open the safe in the office of Mr. Charles Brown, the florist. A large quantity of powder was used and the explosion caused damage amounting to several hundred dollars, but the burglars, in their haste, secured only a few dollars in currency and a gold watch

SAMUEL S. PENNOCK
Wholesale Florist
1612-14-16 Ludlow St.
PHILADELPHIA, PA.

CLEARY & CO.
Plant Auctioneers,
60 Vesey St., - New York City.

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WE SELL EVERY
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GIVE US A TRIAL WE CAN PLEASE YOU.

ROSES, CARNATIONS, AND ALL KINDS OF SEASONABLE FLOWERS IN STOCK
WM. F. KASTING Wholesale Commission Florist...
495 WASHINGTON ST., BUFFALO, N. Y.
Also Dealer in Florists' Supplies and Wire Designs

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THE LARGEST SUPPLY HOUSE IN AMERICA
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WHOLESALE CUT FLOWERS,
1432 S. Penn. Square. PHILADELPHIA, PA.
Original Headquarters for CARNATIONS.

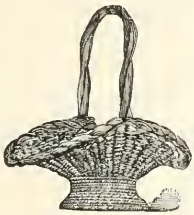
EDWARD REID,
WHOLESALE FLORIST
1526 Ranstead St., PHILADELPHIA, PA.
Consignments of only the BEST STOCK solicited.

WM. C. SMITH
CONSIGNMENTS OF CHOICE STOCK SOLICITED
Wholesale Florist
40 South 16th Street, PHILADELPHIA.
LONG DISTANCE 'PHONE 5008 A.
Our central location enables us to fill out-of-town orders at short notice.

CANNAS!
SPECIAL OFFER
Florence Vaughan, Eldorado, J. D. Cabos, J. C. Vaughan, Madame Crozy, fine plants, many of them in bud and bloom. 5-in. pots, $6.00 per 100.
JOHN WELSH YOUNG, Germantown, Pa.

BASKETS

For School Commencement



We have just received a large lot of Baskets. All the old standard styles and many new and desirable patterns which we are offering at lowest possible prices. We do not want to carry this stock over we want to sell it out this month.

We have for years made selections for our customers ranging from $5.00 to $100.00 assortments. If you have never bought baskets that way, try us. We agree to please you or goods may be returned at our expense. State approximate sizes and price, and we will do the rest. A specially interesting line of Handle Baskets that run from 30c to 90c each. A large line of "Nests" of all sizes and prices. Willow Plateaux, all sizes. Wicker Flats, Swiss Moss, etc., etc.

LARGE STOCK... ...CLEAN GOODS... ...BEST STYLES

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Chrysanthemum Frank Hardy

Clearance Offer Only 1000 Left
$2 per 12; $10 per 100. Not less than 50 at 100 rate. Cash with order.

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Pansies in bloom, $2.00 per 100, $15.00 per 1,000.
Verbena, 2-inch pots, fine plants and colors, $2.00 per 100, $15.00 per 1,000.
Vinca Major, 4½-in., $10.00 per 100, $80.00 per 1,000
Vinca Major, 2-inch. $3.00 " $25.00 "
Chrysanthemums, rooted cuttings, $1.50 per 100, $12.00 per 1,000. 2-inch pots, $2.00 " $18.00 "

C. LENGENFELDER,
Station X, Lincoln and Berteau Aves.
CHICAGO.

Peacock's Prize Winning Dahlias

36 First Prizes out of 39 entries in 1896 and 1897

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Live Sphagnum Moss For Orchids, etc., $1.25 per bbl.
Sphagnum Moss First quality, 85c per bale, 10 bales $6.00.
Peat $1.20 per bale, quality A No. 1.

Z. K. JEWETT & CO.,
SPARTA, - - WISCONSIN.

INSURE AGAINST IN THE FIRE

Florists' Mutual Fire Insurance Ass'n.

ADDRESS W. J. VESEY, Sec'y,
FORT WAYNE, IND.

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SMALL GREEN **Galax**

For use with Violets. Stiff wiry Stems. Work up beautifully. Are all the rage

Box of 5000, $5.00
Less quantity at $1.25 per 1000
Address

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Asparagus Plumosa Nana, (True)

JUST THE THING FOR FERN DISHES.

10,000 Plants at $2.50 per 100, or $20.00 per 1,000. Cash with order from parties unknown to me.

LEWIS ULLRICH, TIFFIN, OHIO,
Wholesale Grower of Cut Flowers.

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... PRINTING HOUSE ...
Nursery Seed Florists' **Catalogues**

87-91 Plymouth Place, Chicago.

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Gloxinia Crassifolia Grandiflora.

We have a fine stock of these in strong bulbs starting nicely into growth which we offer at the price of dormant bulbs. These are just what you want to grow for summer flowering. They will be a pleasure to yourself and an attraction to visitors to your greenhouses.

"A big show at little cost and trouble." **75c per dozen, $5.00 per hundred.**

Our current Wholesale Catalogue offers a full line of stock that you will find useful for summer and fall work. If you do not have a copy we will mail you one on application.

It will be to your interest to get our prices on **LILIUM HARRISII, FREESIAS, ROMAN HYACINTHS, and other Bulbous Stock before ordering.**

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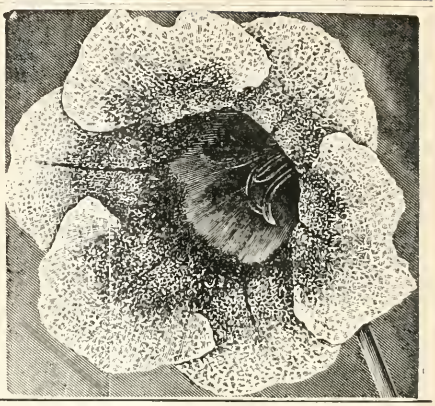

PORTLAND, ME.

Sallying forth on a peaceful expedition I found florist Niles Nelson figuring upon his stock for Decoration Day, a grand lot of candy tuft, antirrhinum, Queen of the North, spiraea and carnations. The latter are simply immense; Scotts, whose bushes are 3 feet tall and in perfect health. Mr. Dyer, the able grower, thinks well of C. A. Dana and will grow a large number next season. A house of grafted roses just planted for early cutting looks well. I observed particularly some side beds of dahlias, planted about Jan. 1st, in the pink of condition for May 30th, grown in a temperature of 60 and with no sign of red spider. This struck me as being a good thing. Young carnations are excellent.

J. Minott grows for an exclusive retail business. He has a unique store decoration, fitted up completely with Virgin cork interspersed with mirrors, nothing slow about this; a striking contrast to a pioneer in the business I have in mind and whom I found complacently viewing the lovely landscape. He greeted me with the announcement that there were too many in the business. While to a degree this may be true, I had one proof while at his place that he had himself to blame for being behind the times. 'Tis the best man that gets ahead now, as ever. If one intends keeping in the business he must be right up to date.

J. A. Dirwanger is justly proud of his collection of orchids, chiefly winter blooming kinds. The flowers sell to advantage with the bon ton of this city.

W. M

SEND IN your order now for a copy of The Florists' Manual, by William Scott. It will cover the whole field of commercial floriculture and will be the standard work of reference for the trade. Price $5.00.

NATIONAL FLORISTS' BOARD OF TRADE
CORNELIUS S. LODER, Secretary.
Collections, Credits, Etc.
271 Broadway, - - NEW YORK

The Harrisii Disease

can be prevented by immersing the bulbs for ten hours in a half solution of.....

..Kraft's Plant Tonic.. 99°

This has been conclusively proven by experiments at Lincoln Park, Chicago. The Tonic also kills **Hard Shelled Scale, Mealy Bug,** and other insect pests without injury to the plant. A trial of a 25-cent bottle will convince you that a really remarkable insecticide has been discovered. Send for circular.

Kraft Plant Tonic Co., Rockford, Ill.

VERBENAS The choicest varieties and healthiest plants grown. Strong plants in bud and bloom. **$2.50 per hundred; $20.00 per thousand**

GERANIUMS 75 finest varieties in cultivation, grown in 3½-in. pots. Strong plants in bud and bloom. **$5.00 per 100.**

J. L. DILLON, Bloomsburg, Pa.

Burpee's Seeds Grow

Do You Need.....

Young Rose Stock for Planting Out of 3-in. Pots?

A dollar more on the hundred is nothing if you get better stock. Send 50 cents or $1.00 in stamps for samples of what you want to

GEO. A. KUHL,
Mention Florists' Review. PEKIN, ILL.

Marie Louise Runners

25,000 at $4 per 1000; 60c. per 100.

WANTED 500 Maids, 600 Brides, 200 Perles, 200 Beauties, 200 Meteor, 200 Belle Siebrecht. 2½-inch pots.

HILLSDALE FLORAL PARK,
Mention Florists' Review. HILLSDALE, MICH.

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Florists' Review

GRAND AUCTION SALE

WEDNESDAY, JUNE 15, 1898 at 11 o'clock, a. m.

ON THE PREMISES OF

F. H. DRESSEL, Weehawken Heights, N. J.

...ORCHIDS...

500 Cattleya Trianae, various sizes.
300 Cattleya Percivaliana, various sizes.
200 Cattleya Labiata, various sizes.

All in fine order, among them being many fine specimen plants, also a collection of Dendrobiums, Cymbidiums and Oncidiums. Also

Palms, Dracaenas, Nephrolepis, etc., etc.

500 Cocos Weddeliana, 2-inch.
500 Kentias, 2-inch.
100 Dracaena Sanderiana, 3-inch.
500 Dracaenas in fine varieties for growing on, such as Massangeana, Terminalis, Lindeni, Fragrans, Amabilis, etc.
500 Asparagus P. Nana, 2 to 5-inch pots.
100 Araucaria Excelsa, 5-inch pots.
500 Nephrolepis Bostoniensis, 5-inch pots to 16-inch pans, fine plants.
200 NEPH. CORDATA COMPACTA, 6 to 10-inch pans.
500 Pandanus Utilis, 3-inch pots.
100 Kentia Belmoreana, 2½ to 3 ft. high.
100 Dracaena Gracilis, 3 to 4-inch pots.
500 Areca Lutescens, fine bushy stock, 3, 4 and 5 in a pot, 4 to 5-inch.
100 Ficus Elastica, 5 to 6-inch pots.
50 Ficus Elastica, 3 ft. high.
100 Funkias, and many others.

Also a number of very fine PHALAENOPSIS. Varieties: Schilleriana, Amabilis, Stewartii and Denticulata.

For Special Catalogue send to

CLEARY & CO., Auctioneers, 60 Vesey Street, NEW YORK CITY.

NOTE THE DATE, WEDNESDAY, JUNE 15.

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ROSE Plants

We have an extra selected stock of the following Rose Plants. Will guarantee them to be as fine as any grown.

		Per 100.	Per 1,000
American Beauty	2½-inch pot,	$5.00	$50.00
Brides	2½ "	3.00	25.00
Bridesmaids	2½ "	3.00	25.00
President Carnot	2½ "	3.50	35.00

BASSETT & WASHBURN,
Store, 88 Wabash Ave., CHICAGO, ILL.
Long Distance 'Phone Main 223.
Greenhouses and Residence, HINSDALE, ILL.
Long Distance 'Phone No. 10.

Mrs. Robt. Garrett

New Pink Forcing Rose.

Winner of six certificates, medal and silver cup. $3.50 per doz.; $25 per 100.

A Fine Stock of Young Chrysanthemums and Carnations.

Send for Trade List describing above in detail.

H. WEBER & SONS, -- OAKLAND, MD.

SURPLUS STOCK

Geraniums, 2½-in. pots, strong	$1.50	per 100
Coleus, asst., 2½-in. pots, strong	1.50	"
Heliotropes, 2½ and 3-in. pots	1.50	"
Mexican Primroses, fine, 2½-in. pots	1.50	"
Ageratum, white and blue, 2-in. pots	1.25	"
Vinca Maj. Var., 2½-in. pots	2.00	"
Geraniums, 3 and 4-in. pots	$2.00 and 5.00	"

CASH PLEASE.

E. H. SMITH, -- MACOMB, ILL.

40,000 FIRST QUALITY FORCING ROSES.

READY FOR IMMEDIATE PLANTING.

Fully equal to those sent out the last six years, first-class and perfectly healthy in every respect. Only selected growth from flowering shoots used in propagating.

WOOTTON, LA FRANCE, AMERICAN BEAUTY, PRESIDENT CARNOT
3-inch pots, $8.00 per 100; 4-inch pots, $12.00 per 100.

METEOR, BRIDESMAID, GONTIER, SUNSET, BON SILENE, MERMET
PERLE, KAISERIN, BELLE SIEBRECHT, TUE. HOSTE, NIPHETOS, BRIDE.
3-inch pots, $7.00 per 100; 4-inch pots, $10.00 per 100.

J. L. DILLON, BLOOMSBURG, PA.

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IF you are in the trade and are not yet a subscriber to the FLORISTS' REVIEW, send in your name and one dollar now and you will receive not only the FLORISTS' REVIEW for one year, but also a certificate entitling you to the earnings on one dollar's worth of stock in the Florists' Publishing Company.

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You will have an interest in the success of the paper.

You will see that you can buy everything that you want to just as good advantage from advertisers in the FLORISTS' REVIEW as elsewhere and at the same time benefit yourself by increasing the earning power of your certificate.

This mutual arrangement cannot fail to bring to the paper a heavy advertising patronage, and as a result the stock represented by your certificate will earn good dividends. And the more you buy of advertisers in the FLORISTS' REVIEW (always mentioning the paper), the larger your dividends will be.

You get the best paper in the field and a share of its earnings.

Send in your subscription now.

FLORISTS' PUBLISHING COMPANY,

520-535 Caxton Building, ...CHICAGO, ILL.

PORTSMOUTH, N. H.

Messrs. Hutchinson & Co. report a very good season, and the recent visit of one of the flowers of our navy created a big demand for posies, which caused a broad smile to appear upon the face of Robt. Capstick, the hustling manager.

When one, blessed with the intelligence of our brother in the craft as is Robt. Patterson, cannot find time to read the trade papers, he must be busy indeed. But so it is and a visit to the charming domain of the Hon. Frank Jones at this season is the strongest evidence of the care and talent shown by the excellent superintendent, who has no sinecure in handling above thirty men in the gardens alone, particularly at this season, when so much has to be done at once.

Those handsome plants, which the commercial man values in dollars as decorative stock, are not neglected, but look their best. It is in such establishments as this that one occasionally has the pleasure of viewing the gems of Flora's kingdom grown to perfection. W. M.

WAVERLY, MASS.

Dropping in on W. W. Edgar on a quiet Sunday afternoon, I found that gentleman complacently surveying a batch of begonia Gloire de Lorraine, which has become familiar to your readers, partly owing to a brief controversy in a contemporary through an oversight on the part of a worthy grower and also by illustrations. It is a grand plant and will take a front place in the collection of flowering begonias.

An unrivaled batch of that beautiful Rex variety, Lucy Closson, is being grown for use in center of fern dishes, the richest thing I have yet seen, and Mr. Edgar knows how to make the combination with the fine stock of young ferns he is raising for city trade. He intends planting more maidenhair, of which he has a large house bedded out. Cannot supply the demand for his elegant fronds. W. M.

BEGONIA METALLICA.

In your issue of May 19th, page 954, W. M. mentions a picture I showed him of Begonia metallica. I am sure he will be glad of my correcting him as to dimensions. It should read 17 feet tall and 14½ through. It was the subject of a special supplement in the Gardeners' Magazine, May 7th, 1892.

JOHN DOUGHTY.

New Haven, Conn.

GLENBROOK, CONN.—M. J. Callahan has moved here from Stamford and will continue in the florist business; he will also handle nursery stock.

WHEN you write an advertiser, always state that you saw the adv. in The Florists' Review.

We have a Fine Stock of the Leading..... **CANNAS** In fine shape for immediate bedding.

Extra Strong Pot-Grown Plants.

Best Standard Sorts at $8.00 per 100, as follows: Mme. Crozy, Alphonse Bouvier, Chas. Henderson, Florence Vaughan, F. R. Pierson, Egandale, J. D. Cabos, Queen Charlotte, Pres. Carnot, Paul Marquant, J. C. Vaughan, Admiral Avellan, Austria, etc.

Extra Choice Varieties at $10.00 per 100, as follows: Pierson's Premier, Chicago, Eldorado, Papa, Souv. de Antoine Crozy, Souv. de Pres. Carnot, Beaute de Poitevine, Italia, Burbank, etc.

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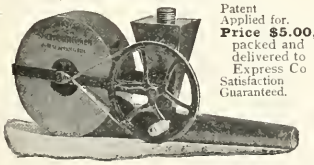

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Florists' Review....

MILWAUKEE.

Trade for Decoration Day was very brisk and stock of all description was pretty well cleaned up. Carnations constituted the bulk of the supply, although roses were coming in in large quantities but of inferior quality, and much sorting out had to be done on stock for shipping orders. Nearly all crops were on, so it was difficult to maintain list prices, and considerable stock was moved at low figures. What fakirs there are here did a large business, as the grade of flowers they handle were suitable for the decoration of graves, and cheap flowers were looked for. Outdoor stock was also in its prime, valley and paeonies coming in from the south in sufficient quantity to meet all demands for it. Some Harrisii and longiflorums were in the market, but sales did not come up to expectations.

Good roses are now extremely scarce, much stock coming in badly mildewed and soft. Carnations are plentiful and sell at 50 cents to $1 per 100.

Spring bedding stock sold well, especially geraniums, and good plants are hard to obtain in quantity now. The season is now nearing the close, but no preparations are being made in the way of additional building around here, owing probably to the high price of glass.

W. A. Kennedy has moved his family and household effects here from Lake Forest and is now a full-fledged Milwaukeean.

Recent visitors: Martin Reukauf, of Philadelphia; Aug. Rhotert, New York; Otto Sylvester, Oconomowoc, Wis.

GEO. WASHINGTON.

PLANT FOOD.

In the advertising columns of this number appears a photographic reproduction of the first page of a recent issue of the American Journal of Health in which appears a remarkably warm editorial commendation of the Excelsior Brand of Plant Food offered by the Walker Fertilizer Co., Clifton Springs, N. Y. It is not often that such an important journal devotes over a column of its editorial page to an expression of opinion regarding a manufactured article.

The American Association of Nurserymen is in session at Omaha this week.

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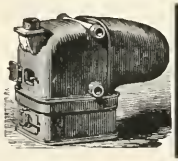

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Yours truly, E. ASMUS.

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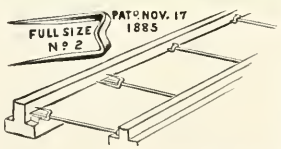

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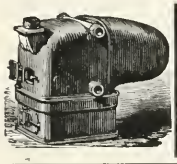

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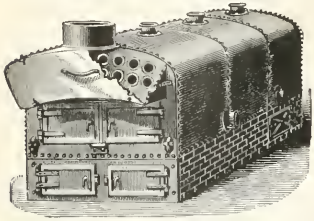

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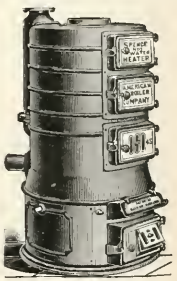

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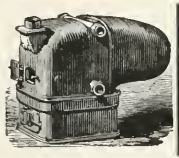

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THE WEEKLY FLORISTS' REVIEW

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Vol. II. CHICAGO AND NEW YORK, JUNE 16, 1898. No. 29.

MARTINEZIA CARYOTAEFOLIA.

This handsome palm, a young plant of which is illustrated in this issue, is one of a small family of rather slender growing South American palms, the species in question having been found in parts of Peru and also New Grenada. Though this species has been in cultivation since 1845 it is not now largely grown, but few seeds being offered in the market.

Martinezia Caryotaefolia.

The martinezia also possesses a disadvantage in being so abundantly provided with long and sharp spines, not only the stems but also the backs of the leaves being armed with these needlelike protectors, and nearly all plants having this characteristic receive but scanty attention from the general public, and especially so if the price is held above the average.

Martinezia caryotaefolia may be described in a general way as bearing some resemblance to Caryota urens, except that the latter is without spines, but the peculiarly wedge-shaped pinnae of the martinezia are arranged in irregular groups along the leaf stem, there being frequently from six to ten inches of bare stem between these groups of pinnae on a large leaf. The general color of the leaves is deep green, and the habit of the plant very graceful.

This palm is not specially subject to the attacks of insects, but if scale insects are allowed to infest it they are likely to fix themselves along the stems among the thorns, where it is very difficult to dislodge them. In fact, with any of the very spiny palms it becomes a severe test of patience to eradicate scale, and the use of strong insecticides can hardly be recommended in such a case, an experience with kerosene emulsion some years ago on both martinezias and daemonorops having proved disastrous.

Regarding the cultural requirements of martinezias it may be said that they belong among the warm house palms, and will flourish under suitable conditions for Areca lutescens, that is, temperature of 65 to 70 degrees, moderate shading and abundant moisture.

M. caryotaefolia is said to bear exposure very well as a plant for house decoration, but I have not seen it tested for such use, though a good sized plant of this species would undoubtedly be a very effective single specimen to be placed on a pedestal, where its spines would be out of reach of the passer-by. W. H. TAPLIN.

CHRYSANTHEMUMS

CHRYSANTHEMUM NOTES.

Planting for the mid-season crop should be proceeded with as soon as the plants get into proper condition. Have them well rooted and they will start away at once. Tall growers, as Dailledouze, Bloodgood, Pres. Smith, etc., have their place in the center of the bench, grading down to the dwarfer ones for the front rows and sides. A little care in this direction makes a big difference in the appearance of the house when the plants are in flower, and also gives each variety an equal chance for light and room.

Those who are growing Frank Hardy for the first time will do well to remember that it is a robust grower and should not be cramped for room. Two benches here containing 600 plants each of this variety are already a splendid sight. Every plant is the picture of health and as nearly alike in height and foliage as it is possible for plants to be. Would that every new variety had its constitution.

Some growers have a decided preference for solid beds for growing all but the early kinds, but we have always had splendid success with an ordinary bench. Where five inches of soil will answer there is not much gained by using more. The ideal bench for mums in our opinion is the usual 5-inch bench lowered to within about a foot of the ground level. This will afford ample room for the water to drain away easily and yet is not sufficiently high up to dry out too quickly. Good drainage is essential if the foliage is to be kept fresh from leaf spot. There should be an inch of space between each board in the bottom of the bench. The lumps of turf can be put along the seams, and if a little soil does trickle through, it is a mere nothing compared to the benefits derived from a free aeration of the soil.

Watering.

While the mum is not by any means the aquatic some growers think it is, judging by the quantity of water they give it, still the fact remains that the plants on bright, warm days fairly revel in copious syringings. This helps to keep down the ravages of insects and is the only way to get fine foliage and keep it during the hot months.

The soil in newly planted benches should not be allowed to get wet and sour, or the root fibers only rot as rapidly as they are made, and the foliage, instead of being a deep, glossy green, will turn pale and sickly. Soil differs a good deal in texture, and what would be all right in light soil would drown out the same plants if in a very heavy loam.

If much manure has been mixed with the soil, it will act a great deal like a sponge in retaining moisture, and the quantity needed must be governed accordingly. It is best to keep on the dry side till the plants get well established in the bench. C. TOTTY.

USEFUL DEVICES.

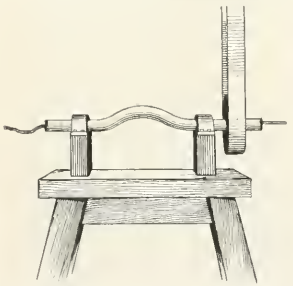
Messrs. Garland Bros., Des Plaines, Ill., are blessed with considerable mechanical skill and have filled their

A Double End Truck Gear.

establishment with labor-saving and money-saving devices.

In their houses the old soil is taken out and new soil brought in in small cars that run on temporary tracks made of 1-inch pipe. These sections are five or six feet long, spiked to light-weight cross ties, and at one end a piece of ½-inch pipe is riveted in; this fitting into the end of the next section, makes a fairly firm connection. This temporary track can be put down and taken up very rapidly, and in the case of a path with a bench on each side, the temporary track is laid across the path on the edges of the benches.

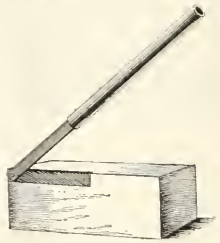
In the long boiler shed permanent tracks of 1-inch pipe are laid leading from the coal supply to each boiler



To Straighten Crooked Telegraph Wire.

pit, and an ingenious hand-power elevator lowers the loaded car into the pit. In taking out the ashes the loaded car is raised from the pit and pushed along the track to a switch which leads up to an elevated position and the contents dumped direct into the ash-wagon that stands there.

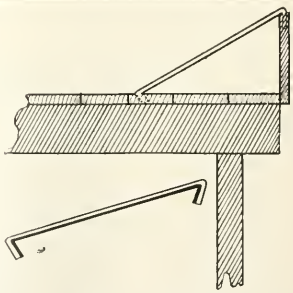
In the houses where a track cannot well be laid, a double-ended truck is used. A sketch of the gear is presented herewith. With this gear a sharp corner can easily be turned, and as there is a king-pin at each end, the tongue can be shifted from one end to the other and the truck be drawn either way with equal facility. This



To Cut Heavy Wire.

avoids any necessity for turning the truck around.

They make their own wire rose stakes and they have found a very material saving in buying second-hand telegraph wire and straightening it themselves. The accompanying sketch shows their device for straightening



Wire Brace for Bench.

the wire. The spindle is of ½-inch pipe bent into the form noted and fixed in journals, with a small pulley to turn it. This spindle is revolved very rapidly—up to 1,500 revolutions a minute. The crooked wire is passed into the spindle and drawn through it, coming out as straight as can possibly be desired. The twisting given by the spindle takes every kink out of it.

The wire is cut into suitable lengths by another simple device of their own, of which a sketch also appears herewith. It is a block of wood to which two second-hand horseshoer's files have been fixed, as shown, the upper file having a length of inch pipe to give leverage. The wire is passed between the two files, and a comparatively

light pressure on the pipe lever makes a quick, clean cut.

A sketch is also given of their method of attaching the side board to a bench. The brace is of No. 8 telegraph wire fourteen inches long, with bent ends. The sketch makes the application quite plain. They prefer this way to any other method.

In providing for liquid manure they make a dish-shaped place of suitable size in the ground and line this with tar roofing-paper. Scantlings and boards are laid across, and on these the manure is piled (out of doors). After the pile has settled they allow the hose to run on it a few hours every day, and a pipe drain from the center of the dish-shaped depression carries the liquid to a tank under the floor in the potting shed. Here it is diluted to the proper strength and distributed through a hose and steam pump.

We expect to present in future issues a number of other devices invented by these ingenious florists.

SIMPLE FLORAL ARRANGEMENTS.

The Broken Column.

The illustration is of a plain broken column made during the hurry of Decoration day, the piece standing about three feet high. The base was of Daybreak carnations, with smilax showing below to represent the grass line, and having lily-of-the-valley and white and yellow marguerites loosely arranged around the bottom of the column. The shaft was made of jonquils and white carnations, alternating in vertical rows; the darker white of the jonquils being meant to represent fluting. The fracture was indicated with the foliage and flowers of variegated sweet alyssum; and one row of white rosebuds relieved with a very little green, wound around the shaft from top to base.

The top of the column is sometimes finished with a spreading tuft of garnishing like a plume, which is objectionable, as not being in keeping with the design.

This piece would have been better if the shaft had tapered, or shown a swell near the centre of its height; and to be complete, a broken capital made of the same material as the column, should appear lying at its base.

W. T. BELL.

Franklin, Pa., June 6, 1898.

HARDY PLANT NOTES.

The new garden of hardy plants at Humboldt Park, Chicago, is very extensive, and though planted only this spring, is in such fine condition that it is difficult to believe the planting was so recent. It contains a very great variety of suitable subjects and will be one of the most attractive features of the park. Superintendent Jensen is to be congratulated on his successful work.

At present the most beautiful sight at the park is a nursery row of twenty-one plants of the Penzance hybrid sweet brier roses in seven varieties. They are certainly grand. Though planted only a year ago, some of the plants are six feet high, heavily foliaged and a mass of blooms. The flowers are very large, semi-double, and very pretty shades of color, from deep pink to white. They came through the winter in perfect condition and their hardiness seems unquestioned. There is certainly a great future for these superb hybrids. The foliage resembles that of the Crimson Rambler and the growth is even more rapid. It should be noted that the plants in the nursery row have done very much better than a few planted on the east side of the brick building in the park, indicating that to secure the best results the plants should have a fully exposed situation.

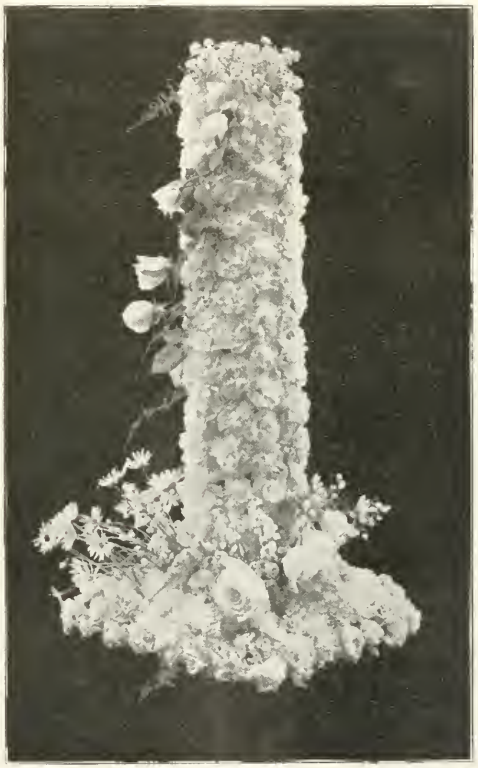
Some Crimson Ramblers in the same nursery row are full of buds and promise a fine display in a few days. The flower buds seem to be formed only on the wood of the previous year.

A group of three plants of the Dawson rose is now a striking object. The long, arching canes are a mass of the handsome semi-double pink blossoms. It is a decided acquisition.

Rosa grandiflora is in good bloom, and so is R. multiflora, but the blooms of the latter are rather insignificant.

Mr. Jensen has planted quite a number of groups of Rosa rubrifolia for foliage effect. The color of the foliage is a pronounced red and the blooms are very pretty, though not conspicuous enough to make it desirable for the flowers alone.

A plantation of Kalmia latifolia, hardy rhododendrons, and similar plants is an experiment that we trust will prove successful. The Kalmias are now in splendid bloom and seem to feel at home. What a lovely thing this mountain laurel is!



Broken Column.

SIMPLE FLORAL ARRANGEMENTS.

On a low knoll is a group of thirty-five different sorts of maples. This is the lot planted by school children last Arbor day. The group includes quite a few Japanese species, the deep red foliage of Acer polymorphum atrosanguineum making a wonderfully rich glow.

A most striking variegated tree is Cornus Spathii, and Mr. Jensen says it is the most satisfactory of any variegated tree or shrub with which he is familiar. It holds its variegation untarnished through the hot summer months and is always beautiful. Fraxinus Excelsior variegata and Fraxinus aucubafolia are equally attractive now, but the foliage blisters under the hot sun of July.

Prunus triloba, the double flowering plum, is a great favorite with Mr. Jensen. He likes it even better than Bechtel's double flowering crab, being freer in blooming and the flowers lasting longer. But both are grand.

In the herbaceous garden a very striking variegated plant is Aegopodium podograria variegata.

The newer ponds of aquatics will be very effective this summer. Nymphaea Leydekerii rosea is already in good bloom and it certainly is a charming addition to the water nymphs. But the planting of the margins of these ponds is what we started to tell about. An immense number of native bog plants have been utilized and all are flourishing finely. Just at present the native Iris versicolor is making a brave show of bloom, and an occasional flower of Cypripedium spectabile adds a beautiful effect. Sagittarias, rushes, sarracenias and a host of similar subjects are being colonized.

A beautiful elm tree near the entrance to the park had a hollow in the base of the trunk, and to strengthen the tree and improve its appearance Mr. Jensen filled the hollow with stone and cement of a shade so close to that of the bark that probably few visitors realize there is anything artificial about it.

What to Plant.

With the plant man the greatest anxiety will be to see that his future crops are taken care of. A little of everything should be planted out. The vincas, abutilon, salvia, a few each of the different varieties of alternantheras, santolina, achyranthes—in fact, a few of everything your trade demands, not forgetting the common little money vine and variegated glechoma. It seems this year the demand for these so-called vines (droopers is a better name) is larger than ever, at least in our vicinity, and not one is more effective for the purpose than the variegated glechoma. You should have some little corner of your estate, if only two yards square, devoted to the hardy money vine and glechoma, and then you can get all the cuttings you want in September.

Geraniums.

I hope you have planted out a large lot of geraniums for your own stock. It is much better to have them on your own place than be running around begging them from your patrons, and as for buying them from firms that make a specialty of supplying the trade with such stock, you can't do it. The quantity they grow and the price forbids the quality. Older communities may have used geraniums so many years for summer garden decoration that they have tired of them, and they want something else; at least, this statement has been made to me, but I fail to see what they have used in place of these universal favorites. True, the flowering cannas and begonias are now great favorites, but they have by no means deposed the geranium.

Not only are they used by the millions for flower beds, but thousands have been used this spring in large jars or pots 12 and 15 inches in size, and this is a style of "front door" flower gardening that is yet young but growing rapidly, so be prepared for it. The jars are always filled with some solid color, either a scarlet, pink, or salmon, and occasionally white. Don't bother with the "Souv. de Mirande" type or any such stuff. If you grow 20,000 geraniums, you want 19,900 of them in six, or, at most, eight, good solid colors of healthy growing, semi-double varieties. The other hundred can be a number of new oddities that a dear old lady can wander round at her leisure and inspect.

S. A. Nutt is still a great favorite as the best all-round dark scarlet. Tower Eiffel is a grand, bright scarlet of the Bruant type, with a grand truss and stem. The newer rosy scarlet, Alphonse Ricard, will be a great favorite. For a semi-double salmon I don't know anything that is all around the equal of Beauty Poitevine. For a pink, Emile de Girardin has been almost exclusively grown, and when healthy is unequaled, but of late years too large a percentage are diseased with that peculiar curled leaf, the cause of which is not yet satisfactorily explained; so we are growing Mrs. Hayes, a little lighter than Emile, but a beautiful flower and fine habit. Old Ernest Lauth is still unimpaired in health, and although neither a crimson, a scarlet, or a deep pink, is a favorite with many and one of the very best bedders. For white we grow La Favorite; there may be better.

There are two singles which the public will have, and although not to be recommended for vases or jars, are grand for bedding. They are Athlete, a vivid scarlet, and the well-known Mrs. E. G. Hill, whose immense truss attracts everyone, and for a large bed it is grand. I wish to impress upon you to grow these kinds. Without any self-advertising, which is no object, to show you a good variety is in demand, I had 7,000 S. A. Nutt in 4-inch pots, and now I want to buy some; so plant out a lot of the leading varieties, and if you don't have them, buy them; they will make lots of cuttings by October 1.

The ivy leaf section is also in great demand. Don't ever tell people they are a bedding plant, for they are not. When growing freely they soon go out of flower, but when their roots are confined in pots or boxes, they keep up their flowering quite freely. The semi-double pinks are the most in demand, so plant out enough to give you lots of cuttings.

While on the subject of geraniums, I will mention that there is often a call for them in pots for furnishing private conservatories, and after frost has killed everything outside they have a greatly enhanced appearance. Select a hundred or two healthy plants that are now in 3 or 4-inch pots. Shift them into 5-inch, stop the leading shoots, and keep all flower shoots picked off till the end of September. They may want another shift in September, but will flower and do well in a comparatively small pot. Where to keep them during July and August is the most important point. You can plunge them out of doors. If you are sure that they won't get soaked with water during heavy rains, or dry out during the hot time. For this reason I believe in keeping them indoors, with their pots plunged in some light material, and the glass shaded very little; then they will not be likely to be neglected.

Lemon Verbena.

Don't plant out the lemon verbenas that you want for your stock plants, as they lift badly. Grow a dozen plants in 4-inch pots plunged in a

frame. You can then bring them in in October. Rest them for a few months, and when started up get all the cuttings you want. The lemon verbena is always in demand and I have found, if you don't have it yourself, very difficult to purchase.

Poinsettias.

Don't neglect to put in cuttings of poinsettias whenever they are two or three joints long. They root at any time if kept moist in the sand and the sun kept off them. In potting them off from the sand they want a close, shady house for a week or two, or you will lose them. When once rooted in the pots they want the lightest and brightest house, with abundance of air to keep them stocky and dwarf, and, of course, shifted as they need it. I will have something more to say about shifting them later on, because that is a very important point in their culture. At no time do they like their roots disturbed, especially after cool weather has set in. Wm. Scott.

tle grown. It is very pretty, particularly the yellow and white kinds, fully equal to an orchid and with its long, grassy foliage very desirable for bouquets. An excellent plan is adopted in the hardening off of bedding stock which is really necessary where the summer season is of such short duration.

Another idea is the storing of soil for use throughout the winter, under the potting shed, the floor of which is laid in sections or hatches by which means space is saved and labor facilitated in handling.

Mr. Harris is pushing the sale of hardy herbaceous plants, arguing that owing to the desire on behalf of the public for outdoor exercise, they will not devote the time to gardening as has formerly been the custom, so that these plants which require so little attention are bound to become popular apart from their individual merits. To illustrate this idea he has planted a border with a specimen plant of each variety which cannot but be appre-

to represent snow; beneath this is a belt of Herniaria glabra showing a darker hue, while at base is planted a deep belt of Scotch heather, both pink and white. Upon the south side are planted the following ferns, which, if not all native, thrive and are perennial: Osmundas cinnamomea and regalis, Lastreas Filix-mas, dilitata, spinulosum, noveboracense and cristata, Polystichum acrostichoides and Braunii, Polypodium Phegopteris. The north side is comparatively bare, conveying the idea of vegetation growing up to the snow line.

Andromeda angustifolia is a native, very free and its profusion of racemes of white, bell-shaped blossoms give it an attractive appearance at this season. A magnificent pair of variegated aloes, the pride of Mr. Powers who has nurtured them for three years, are showing bloom. One has an immense spike and affords much speculation on the part of visitors. The whole garden reflects great credit upon its caretakers. W. M.

View of the Greenhouses of Mr. J. H. Harris, Halifax, Nova Scotia.

HALIFAX, N. S.

To one acquainted as I am with Mr. Fred Harris, of Wellesley fame, it was not surprising to find his brother Mr. J. H. Harris actively engaged in business here, undoubtedly the most up-to-date member in the Provinces; nor are his labors confined within these boundaries. I noted much foreign correspondence which betokened considerable outside business.

Apart from the nursery proper, there are two ranges of glass, making a total of 40,000 feet in which is grown a general assortment of stock. In such surroundings it is impossible to go in for specialties and being distant from a good market Mr. Harris must depend upon himself to supply the demand.

Of a grand stock of geraniums and pelargoniums I noticed Agnes Kelway and King of Bedders in the former and Mrs. Rogers, with Duchess of Teck should be in every collection. Another item was Spanish iris, which is so liciated by the host of visitors be entertains from all part of the provinces. A considerable number of cape heaths are well grown and find a good sale. Euphorbia jacquiniaeflora is grown in conjunction with poinsettias; 'tis rather scarce but can be worked up quickly and is a good selling plant.

Mr. Harris kindly piloted me to the Public Garden where I met the genial superintendent, Mr. Richard Powers, a gardener of the old school; knows more about Central Park and Boston Gardens than the writer, and has turned to good use the information he obtained at those places.

Among the fine collection of evergreen and deciduous trees are some grand specimens of Kilmarnock Willow and Weeping Birch. Retinosporas are in excellent color, also Thuja Vervaeneana.

At one end of the garden a succession of mounds are formed to represent an Alpine range. Upon the tallest peak is planted Antennaria tomentosa

TORONTO.

Business was so rushing last week that both writing and reading notes had to be put off for rainy days. During this week we have been the fortunate recipients of several of these (at this time of year) inestimable blessings, in consequence of which all vegetation, including the weeds, is making truly tropical progress. I think I never saw the city looking more beautiful than it does now, the "bedding out" is nearly all done now, and everything is looking green and gay, especially the public parks and gardens, which are exceptionally pretty.

The plant trade has been very good, although some lines have been selling below the profitable notch. There is complaint that the bedding plant season is getting shorter every year. Formerly it lasted well into July but now it is said that after May 24th everybody wants their plants right away,

thus driving the business all of a heap. However I suppose a Britisher would find something to grumble at with the best of seasons; at least that is the character generally given him, but I expect we all are "tarred with the same stick," with more or less tar.

The cut flower trade may be said now to have "gone up Salt Creek." Of course there is always a something doing, but the something is comparitively infinitesimal and does not add to the bank account to any extent.

Mr. J. H. Dunlop has been laid up with erysipelas, brought on I hear from handling poison ivy while out in the brush with his daughters picking wild flowers. I believe he is about again though not fully recovered.

Canna "America" looks as if it were going to be a good one, and it does not scorch. It is a dark-leaved variety with flame colored flowers.

The market men still continue to do a good business and will probably keep it up for a week or two yet.

The local seedsmen report an exceptionally good season. E

THE FLORISTS' REVIEW

G. L. GRANT, EDITOR AND MANAGER.

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BOSTON.

Review of the Market.

The reaction which always follows Decoration Day has this year been continuous, and everything is down to a summer basis; plenty of goods, scarcity of buyers, with a general complaint of no business. Roses are going very slowly; quality reduced, owing to warmer weather, and sell from $2 to $5 per hundred, while Brunners and Jacks, of which a few are coming in, bring $1 per dozen. Beauties still hold their own, being the principal flower used for wedding decorations, and are held at last quotations, $1 to $4 per dozen.

Carnations might be called "the fakir's flower," they being buyers now of the larger proportion of what is brought in, and make their own prices; 50c to $1 per hundred seems to be the ruling figures, while a few Bradts and Kellers are selling for $3.

The market for valley is improving, out-of-door cutting having ended; prices from $2 to $3. Lilies plenty; selling at $6. Sweet peas are getting scarce and easily bring 75c. Paeonies are in demand for decorations. Odds and ends, such as stock of spiraeas, feverfew, etc., are plenty, and it is a case of sell for about what you can get.

The Plant Trade.

Generally, this week in this locality is the winding up of the plant business, but this year will be the exception, and it looks now as though it might hold out until the 1st of July. All growers are rather discouraged, as everything in the plant line is moving very slowly, and it now looks like a case of getting stuck. At the market the general reply to the question, "How is business?" is, "There is none," and this state seems to be universal all around.

There are quantities of plants being sent in to auction, but the conditions are the same there, and where in former years the trade has been heavy buyers, you can now hardly see one of them there. Retail buyers are getting the benefit, buying at their own figures.

The Rhododendron Exhibition.

The annual exhibition of rhododendrons was a decided success and some magnificent flowers were shown, the finest display being that of H. H. Hunnewell, occupying one long table. He staged 125 different varieties, setting them off with some high-colored azaleas. He was awarded a gratuity for display. James Comley, of Lexington; Kenneth Finlayson, T. C. Thurlow, and John L. Gardner also made fine exhibits and captured all the prizes for both rhododendrons and azaleas. T. C. Thurlow also showed paeonies, obtaining first prize for both officinalis and the tree paeony. He also got third for a display of hardy ornamental trees and shrubs. John L. Gardner was awarded a first prize for a nice collection of German iris. The usual exhibits of native plants were made and prizes were awarded to Mrs. D. T. Richards and Miss Doran. Mrs. E. M. Gill obtained first prize for a vase of flowers, and Hattie B. Winter second.

H. A. Dreer, of Philadelphia, exhibited some new vareties of water lilies, which attracted considerable attention. John L. Gardner made a fine display of orchids arranged for effect, and was awarded first prize. J. S. Bailey also had a fine show of orchids, including an elegant specimen of Cattleya Gaskelliana, while Kenneth Finlayson had four large pans of exceedingly well done Cypripedium Lawrenceanum, receiving a gratuity.

News Items.

Our genial seedsman, Mr. John Farquhar, has started for Japan and will have new material with which to entertain the club when he returns.

The nurserymen report a very dull season, a large falling off of business compared with former years.

Bill Anderson, who has been salesman for Fred Matthieson, of Waverly, for the past five years, takes a vacation of a couple of months, and will sail on June 30 for Scotland, his first visit home in eleven years.

Weddings are plenty, but not of the elaborate kind, although both Delay and Doyle each had a good one this week.

Gustave Le Carpentier, of Auburndale, has gone on a visit to his old home in France.

Mr. Pierson, son of A. N. Pierson, of Cromwell, Conn., has been a visitor this week. P.

PHILADELPHIA.

Bedding Notes.

Last week pretty well finished up the bedding in this city. There will be a few pansy beds to refill, a few cemetery lots to brighten with plants, a few belated borders, or here and there a box or vase, and this work is over for 1898.

It is strange to see how coleus, once so popular, have been more and more neglected, until now only about one-tenth the number grown a few years ago are raised, commercially. They are still largely used in the parks. The price has fallen so low that there is no margin of profit for the wholesale growers. The prettiest effect I have seen in coleus this season is a bed of mixed fancy varieties, planted in three long, straight rows, without design, simply with a thought for color in the arrangement, the background being of honeysuckle.

A great many choice plants have been used during the week in outdoor work, which made the richest effects when skillfully used. Crotons have been in brisk demand and stand at the top of this class. Pandanus Veitchii and Dracaena terminalis are both very popular when well colored.

Boston fern has made its debut this season as a decorative plant outdoors. A pretty vase effect is made with a well grown fern of this variety as a center with geraniums and vines, such as thunbergia and German ivy. This should stand in a partly shaded position.

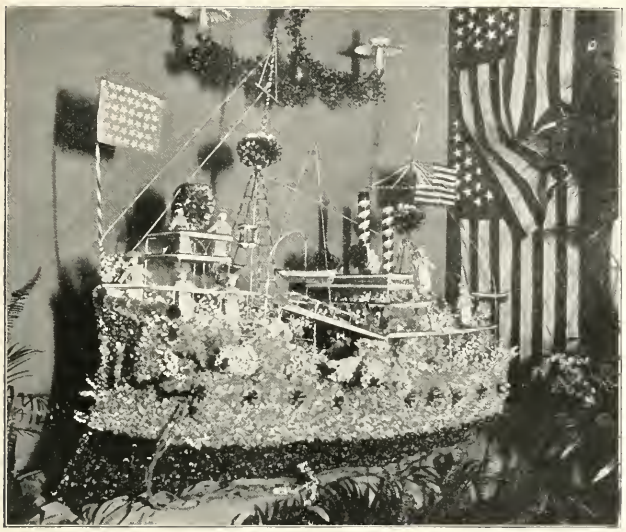
In the last Review I was made to say that many cannas are sowed in the fall, whereas I intended to say that they were stored in the fall by the people who had them planted in their beds the previous spring.

Cut flowers have been in fair demand, there being many weddings during the week. It is getting pretty hot for good stuff, even with plenty of mud wash on the glass, and quality is declining.

Outdoor sweet peas are coming in in fine shape; average price about 40 cents a hundred. Jacques and paeonies are about over. The latter have been used in large quantities.

With the Growers.

The large rose growers are hard at work cleaning and refilling their houses. They have many to do and must begin in good time in order to



The Maine in Flowers.
Window Display by F. C. Mendonza, Chicago.

finish their later houses early next month. The smaller growers find it better not to throw out any good stock before the end of June, this month being better from a business standpoint for cut flowers than September or October.

There will be more glass hereabouts devoted to cut flowers than last season, but not so much more as one might suppose, as quite a number of houses have been or will be pulled down and others will be devoted to plants in pots.

Bridesmaid will be the most largely planted rose; next Bride, then Beauty, then Meteor. All the other varieties put together are unlikely to equal the last named sort in point of numbers.

Club Meeting.

The club meeting on Tuesday evening was devoted to paeonies. A fine exhibit was made by Messrs. Lonsdale, Heacock and Dreer. Mr. Heacock opened the debate and was followed by Messrs. Craig, Harris and Westcott. The opinion prevailed that the paeony market was a bit overstocked with flowers this year.

President Harris spoke feelingly of Mr. Cartledge. He was followed by several other members.

Notes.

Samuel S. Pennock reports Decoration day sales as satisfactory; everything sold; prices low. Edward Reid has handled large quantities of paeonies this season.

Albert Woltemate has a very promising seedling carnation. The color is orange, pencilled with carmine, fragrant, large size, and heavy, stiff stem. It is said to be a cross between two pinks.

John Lankford, Thirteenth street, above Chestnut, has closed his door.

J. W. Y.

THE "MAINE" IN FLOWERS.

The accompanying engraving is from a photograph of a window attraction at the store of Mr. F. C. Mendonza, Calumet avenue and Forty-third street, Chicago, for Decoration day. The central feature was a floral model of the battleship Maine, the model being seven and one-half feet long and with a beam of three and one-half feet. As will be noted, the details were worked out in immortelles, capeflowers, etc. The smokestacks were wound with red, white and blue ribbon, and this ribbon was also freely used in various other ways. The excellence of the photograph renders any further description unnecessary. The display drew much attention and it was a decided success as a window attraction.

CHICAGO.

The Market.

There is practically no change from last week except that there is a trifle better tone to the market and the gluts of ordinary grade stock are not so heavy. Good roses still hold their own, but the low grades are slaughtered or not sold at all. It is pretty much the same with carnations except that the best carnations are not in such strong demand as the highest grade roses. In general stock everything suffers badly except possibly white peonies and sweet peas, though there are no high prices on anything.

Bowling.

Following are the scores and averages made at the alleys last Friday evening:

	1st.	2nd.	3rd.	4th.	Av.
J. S. Wilson	152	175	140	...	155
E. F. Winterson	194	140	123	159	154
G. L. Grant	136	161	121	182	150
C. Hughes	128	197	105	...	143
Chas. Held	97	147	149	...	131
P. J. Hauswirth	138	118	106	120	120
J. Degnan	138	103	113	123	119
G. Lange	123	115	...	...	119
A. L. Vaughan	107	78	145	124	113
A. McAdams	101	103	130	...	111
G. Stollery	107	95	144	94	110
S. Snedeker	98	118	109	...	108
W. Kyle	99	114	108	...	107
Geo. Headworth	114	106	121	85	106
P. Sandaker	99	105	108	...	104
F. Robinson	85	109	114	...	102
C. Stewart	100	...	...	...	100
C. Schweigert	104	94	101	...	99
A. Henderson	60	103	93	108	91
F. Stollery	106	92	99	64	90

Various Notes.

W. W. Barnard & Co. are now established in their handsome new quarters at 161 to 163 East Kinzie St. They have the entire building which is 40x100 feet, and has five floors and basement. It is admirably arranged for the convenient handling of their stock. An electric elevator connects the six floors and there is a roomy shipping platform in the rear. They do a large business in forcing bulbs and have ideal facilities for handling this stock. In the basement at present is to be seen an immense stock of tobacco stems in bales, which they handle in large quantities. The offices on the first floor are divided by partitions of oak and glass, and the whole establishment shows the results of an increasing business conducted on progressive lines.

C. Lengenfelder is rebuilding his place at Lincoln and Berteau Aves., and expects to have everything in good shape by fall. He reports an excellent spring business, and will have further stock to offer for fall trade.

Wietor Bros. succeed the Rogers Park Floral Co. The change is in name only, as the Wietor brothers have been the only members of the company for some time.

The wife of John Poehlmann died last Saturday night, and was buried Tuesday. Mr. Poehlmann has the sympathy of a host of friends, in his affliction. He has himself not fully recovered from a serious illness.

Burglars paid a visit to Vaughan, McKellar & Winterson last Friday night. They had the door of the vault nearly destroyed when discovered by Mr. Winterson, who had stepped back to the store to get a package after leaving the bowling alleys. They escaped, but without securing more than a few dollars that had not been placed in the vault. The damage to the vault door made the visit expensive though.

This firm is showing a nice line of new baskets for florists, in addition to other supplies.

Mr. Challenge Roller Bearing Evans is in town. He reports some large orders for ventilating apparatus.

Kennicott Bros. Co. are receiving some very fine white paeonies.

Bassett & Washburn are still rushed with orders, and are doing a fine business.

The first summer visit of the Florists' Club will probably be to the establishment of Reinberg Bros., at Summerdale.

Reinberg Bros., and Wietor Bros., both report excellent business.

BUFFALO.

Trade Review.

The busy planting time is about over, and a profitable and good business as it is, there is more than one who is glad it is drawing to an end. It is very satisfactory to be rushed with orders, especially in a store, but when all hands are occupied with filling orders at the houses, something is sure to get neglected, and that something is the future crops.

There are several society weddings this week, but they are running mostly to palms, laurel, daisies and buttercups. "It's not because these field flowers are less expensive you know, but they are so much more spring-like, don't you know." We swallow this plausible explanation with a June smile and a skeptical inward impression, but we are not finding fault. We are glad of most anything these days.

To say that flowers are plentiful would but feebly express it. Paeonies of course are coming in by the car load and are no longer sold by the hundred, but by the ton or weight. The latest quotation, Saturday last, was $17.50 per ton. Three or four enterprising young men, store keepers of Main street, put carnations down last week to 10 cents per doz. They were largely rubbish but that makes no difference. It pulls the price down for those who really have good flowers. It is strange that those who do not produce a flower are able to sell at this ridiculously low figure. A time will come, and that soon, when only a few decent carnations will come into town. The tropical weather of the past two weeks has forced them out in great shape, and the recent oversupply is the last dying kick with most growers. Roses are plentiful, and quality good; for the very hot weather the locally grown are more than good.

Omaha Convention.

Inquiries are passing between the boys, "are you going to Omaha?" I do hope that enough will go to hold up their end for that handsome trophy given by Mr. Evans. Providence was much nearer home, but we had nothing but a scrub team, and their bad performance demoralized those few who can play a little, so poor Buffalo after 3 years of championship was relegated to the "also ran." There are other and far more important reasons why we should go to Omaha. The good old society that has done so much for all of us, should be loyally supported. It is a grand opportunity to get your mind broadened and expanded, and knowledge of the resources of the wonderful expanse of region known as the Mississippi valley can never be gained at less cost and more pleasantly. The officers elected last year did not select Omaha as the place of meeting for '98. It was the large majority of the members who voted for Omaha, so all that voted to go west, are morally bound to travel across the prairies and attend the Trans-Mississippi Exposition.

New Firm.

There is a new firm in town. Mr. Louis H. Neubeck, who has been with William Scott for the past 23 years, severed his connection last week. He began working for W. S. when a very small boy, so small that when hiding from the boss he was frequently found under a 10 inch pot. It is pleasant to say, that although in future an opponent in business, there are few more versatile, artistic, and thoroughly honest and competent men in the business than Mr. Neubeck. He will in future be located on the corner of Main and High streets, and the firm is Neubeck & Myers.

Visitors.

During our busy time we have had several visitors, chief among whom were Mr. Edw. Wheeler, manager of the rose houses of Mr. Sage, at Redrock, Pa., and Mr. G. L. Graham a rose enthusiast of Bradford, Pa. Both of these gentlemen saw the city very extensively, for they were behind Billy Kasting's speedy road horse, "Wilted Rose" 2:13¾. Very recently Mr. W. M. Mann, of Guelph, Ont., and his brother Robert Mann, of Orangeville, Ont., gave us a call, and last, Mr. Park commissioner Harry Balsley, has been roaming round. We were glad to see them all, for with an insignificient exception they had nothing to sell; in fact, "tother way." W. S.

NEW YORK.

Club Meeting.

The first ladies' night of the club was a brilliant affair from all points of view. About 75 members and their friends were present.

After the minutes had been read and accepted, the several committees made their reports. Mr. Secretary Young asked for more time to confer with the New York Gardeners' Association in regard to holding a fall show, and it was unanimously extended. The exhibition committee then made their report.

A letter was read from Mr. Alex. Wallace, the state vice-president of the S. A. F. A. O. H., with regard to visiting Omaha, calling attention to the fact that the time was nearing, and that it was an exceptional opportunity to visit the west and get acquainted with our western brethren, to make new friends and new customers.

The Exhibit.

W. A. Manda showed his new evergreen hybrid roses, named as follows: Gardinaeflora, Evergreen Gem, Jersey Beauty, all of which received the club's certificate. He also exhibited the new yellow calla Elliotianum.

F. H. P. Imbert exhibited some well-grown fancy and new caladiums, which received high commendation and the club's thanks.

N. Butterbach, Oceanic, N. J., showed some Lilium longiflorum, which were accorded a vote of thanks.

Mr. Rudolph Fischer, Great Neck, L. I., was unanimously elected a member.

The Lecture.

President Plumb introduced the lecturer of the evening, Prof. Elson, of Boston, who introduced his subject, "Music and Flowers," by the following remarks: "In all ages and all climes men have been particularly inclined to connect music with flowers." It commenced in China nearly 4,000 years ago, and in Egypt, and the oldest picture in the world depicts a musical party holding a lotus in their hands.

He stated that our own song, the "Star Spangled Banner," was founded on the air of a Grecian song to the "Myrtle and Venus and the Vine of Bacchus;" in fact, the majority of our songs today were founded on floral metaphors. He quoted Wordsworth as being the poet who had drawn the affinity mostly between prose and flowers, styled him the "Florists' Poet," and said the poem, "Thou Art a Flower," truly a florists' song, had been set to music over a thousand times. Prof. Elson, who interspersed his lecture with a fine rendition of early song and flower lore, concluded by saying that, "When music and flowers are thoroughly understood, the grower and commission man will, like the lion and the lamb, lie down together and all will be harmony. They will fall on one another's necks; the flower grower and the plant man will be in unity, and all join in the chorus, "Lo! There Cometh Yet the Greek, the Greek."

At the conclusion the Professor received quite an ovation, and Mr. May, in a felicitous speech, seconded by Mr. Henshaw, tendered a unanimous vote of thanks from the company present, which was accorded by all standing and applauding.

Great credit is due to the committee composed of A. L. Don, W. J. Stewart and J. H. Troy for the excellent arrangements, and it was the consensus of opinion that "it was the best thing that ever happened."

Among the visitors to the club meeting were: Mr. and Mrs. Samuel Henshaw, New Brighton, L. I.; Mr. and Mrs. Louis Schmutz, Flatbush, L. I.; Mr. and Mrs. Fred Atkins, Orange, N. J.; Mr. and Mrs. J. H. P. Imbert, Wood Ridge, N. J.; Mr. and Mrs. Wm. E. Prosser, Brooklyn, N. Y.; Mr. and Mrs. Wm. Plumb, Throggs Neck, N. Y.; Mr. and Mrs. Jas. Logan, White Plains, N. Y.; Mrs. H. H. Berger and daughter; Mr. and Mrs. A. L. Don, Brooklyn, N. Y.; Mr. and Mrs. C. H. Joosten, Brooklyn, N. Y.; Mr. and Mrs. Jas. W. Withers, Greenville, N. J.

President Plumb was in fine fettle and entertained an appreciative audience with an extraordinary tale of his "Grandmother's Cat," ably seconded by John Young, whose beautiful tenor voice harmonized most beautifully with Mr. Plumb's. But the climax was reached when V. P. Logan sang "Annie Laurie" in a deep basso profundo. Prof. Elson's selections were frequent and varied, and the club and its guests will always remember his entertainment with a great deal of pleasure.

The Market.

Business, if there has been any of late, is still contracting all the time, and seems to be on its summer legs for sure. It would be ridiculous to attempt to quote prices, for there are no set market values, and the less said the better in this line. There is stock of all kinds in abundance, the outside stuff helping to swell the coterie, and at the same time to depress what prices there are.

Comparatively little movement has been going on in the retail trade. June weddings there are a few, but the steamer trade, unually quite an item at this season of the year, has dropped almost into "innocuous desuetude." One would imagine this would help the home market, on account of travelers staying home, but alas! it is not so.

Various Notes.

Mr. Alfred Dimmock, the popular American representative for Sander & Co., England, and who, in spite of himself, is becoming quite a Yankee, reports an exceptionally good trip in the face of war and its effect on trade. He returns to the old country next Saturday per steamship Campania. Farewell delegation will meet at Cleary's.

A recent visitor was Mr. Frank McMahon, of Seabright, N. J. He says that business is rushing and that the season is likely to be a large one. He looks as brown as a coffee berry, and some of his friends on Twenty-eighth street took him for a Cuban. Another visitor was Mr. R. G. Hanford, Norwalk, Conn.

Mr. Will Donahue has opened a store at Seabright, N. J., for the season.

Visitors: F. H. P. Imbert, Wood Ridge, N. J.; J. G. Esler, Saddle River, N. J.; Geo. C. Exhibition Watson, Robert Craig, Philadelphia; A. Whiting, Hartford, Conn.; Dr. Rudolph Schiffmann, St. Paul, Minn.; Charles Fleming, Bridgeport, Conn.; M. J. Lynch, Poughkeepsie, N. Y.

The popularity of the bay tree this season is the subject of much comment. Many of the dealers report large sales of bays, and it appears that they have again come to stay.

ST. LOUIS.

Florist Club.

The regular monthly meeting of the Florist Club was held Thursday, June 9, at 3 p. m. The meeting was not well attended, owing to the heavy rainstorm a few hours before the meeting. President Halstedt was not present, and Vice-President Fred Ude presided. W. H. Hudson, Julius Koenig, Jr., and Gustave Eggling made application for membership.

The new committee on transportation for the convention is as follows: J. W. Kunz, chairman; R. F. Tesson and J. J. Beneke.

The chairman appointed the committee on picnic as follows: C. C. Sanders, Max Herzog, Frank Fillmore, J. W. Kunz and R. F. Tesson. The committee will meet some time this week and fix a place and date for the picnic, to take place the latter part of July, they say.

In the question box a very important query came up for debate: "What has been the experience of the members with red thrip this spring, and what success has attended efforts to keep it in check?" Perhaps our Buffalo correspondent could answer this question in the next issue of The Review. It is a very important one to us, nearly all our growers having suffered this season with red thrip.

The secretary was instructed to send a postal card to every florist in the city, with a request to do all in his power to make a good showing at Omaha next August. Some fifteen florists have already expressed their willingness to attend the convention. The meeting then adjourned.

The next meeting of the club, which calls for nomination of officers, will be held July 14 at 3 p. m., and all members are requested to attend same.

The Market.

The past week the market was a little more active, owing to a large number of June weddings. There is an immense supply of all kinds of flowers, and especially sweet peas, which sell for almost nothing. Roses, too, are very plentiful, but in poor shape, and nearly all varieties are badly mildewed. Prices remain about the same as last week. First-class Meteors, Brides, Maids and Kaiserins bring $4, and choice select go as high as $5. Poor stock is down to $1 per 100.

Carnations are still small, but of better color. Scott and Daybreak are the best that come in; price $1 and 75 cents; poor grades, 50 cents.

Notes.

This week will wind up the school commencements and weddings and the demand for flowers from this source is considered about over for the season.

Prof. Wm. Trelease, of the Missouri Botanical Garden, who is now in Scotland, will return home about July 2.

John F. Ammann, of Edwardsville, Ill., reports that on Thursday last, while attending the Florist Club meeting, a heavy rain and hail storm did damage at his places to the extent of $500.

Chas Connon & Sons made a fine decoration for the graduating class at the Mary Institute last Friday.

Ellison & Tesson will on next Friday decorate Music Hall (Exposition building) for the graduating class of the High School.

Gus Eggling out-did himself at the Spencer-Curisty wedding last Wednesday. This was one of the largest weddings held in St. Louis for some years.

Park Commissioner Ridgeley left on Sunday to attend the meeting of the Park and Outdoor Art Association, of which he is chairman. The meeting takes place June 23 at Minneapolis, Minn.

Bowling Items.

The bowling club celebrated the 38th birthday of our "high cock-a-lorum," John Kunz. There was a large display of refreshments of all kinds on hand and plenty to drink and smoke. After the second game the club presented Mr. Kunz with a handsome statue of "Little Egypt." The presentation speech was made by Dr. Helwig. We then drank to the health of Mr. Kunz, wishing him many happy returns of the day. Mr. Kunz made a few remarks, thanking the club members and saying that he will take the statue with him to Omaha. Mr. Frank Fillmore, Sr., was a visitor, and he greatly enjoyed the sport. The scores were as follows:

Names—				Total.
E. Schray	165	153	244	562
C. Beyer	202	137	206	545
J. J. Beneke	210	163	164	537
C. A. Kuehn	194	167	168	529
John Young	164	234	105	503
John W. Kunz	144	156	154	454
C. C. Sanders	176	132	146	454
Fred Weber	176	114	150	440
Dr. Helwig	148	134	111	393
F. Fillmore	123	115	125	363

J. J. B.

OMAHA, NEB.

The Florist Club of Omaha held its regular monthly meeting on Thursday evening last, and completed its preliminary arrangements for the coming convention, appointing Mr. S. B. Stewart superintendent of exhibits, and discussing ways and means of making the meeting in August one worthy of the organization and of the city.

I am sure no mistake was made in choosing Omaha for the convention, apart from the fact of the Trans-Mississippi Exposition. If President Gude will complete his arrangements for a special train from the east, the attendance will be phenomenal.

In my trip through the northwest, and especially at St. Paul, Minneapolis, La Crosse, Madison, Milwaukee, and Chicago, I heard the florists almost unanimously declare their intention of being at the convention. Chicago could send a special car itself, and will. All over the west the same enthusiasm prevails, and I am a poor prophet if my assertion is not proven that, with anything like the expected interest in the east, the convention will exceed in numbers any of its predecessors.

Vice-President Donaghue has nothing to do this summer but captain the bowling club here and plan for the convention's success. He is full of vigor and ready for hard work, and you will all like him.

Amongst other plans on the tapis is an evening of music and a lecture with stereopticon effects, by Professor Taylor and his talented wife. The professor will be remembered by all who were at Providence. His eloquence brought over a dozen of the eighty-seven conventions that are to meet in Omaha this summer. He has been a great traveler, and Mrs. Taylor is called the best vocalist in Nebraska. So an evening of rare enjoyment is certain if this intention is consummated.

Then comes a whole day of amusements in the park, including bowling, shooting, baseball and racing, for all of which handsome prizes will be given. A feature will be a fat man's race, entries for which are demanded from Edwin Lonsdale, Edgar Sanders, Burt Eddy, Peter Youngers, Walter Mott and all other florists with good reputations, weighing over 200 pounds.

Last but not least is the attraction of the wonderful exposition itself, where one with time to spare could spend a month profitably and not grow weary. I warn the managers of the "discussion" department of the convention to make their subject of vital interest, to have no long essays, nor prosy speeches, to give the afternoons and evenings of every day to the members, to do as they will, for they will not attend the meetings with so many attractions to draw them elsewhere.

The Horticultural building is by many considered the most handsome on the grounds. It stands by itself on the bluff overlooking the grandest daylight view of the exposition, the great bluffs of Iowa stretching away for twenty miles, and the muddy Missouri glistening in the sunlight between. The exhibits in this building are fast approaching completion. Only one of the eastern states is represented here—New York. The permanent exhibit of palms made by the firm of Siebrecht & Son alone indicates the interests of horticulture east of the Mississippi. This firm also has a very fine exhibit in the grounds near this building, consisting of conifers, azaleas, rhododendrons, Japanese maples and specimens of weeping trees that do it credit.

Henry A. Dreer has the display of water plants, an immense heated basin having been furnished by the management for that purpose, and later on the immense leaves of the Victoria Regia will amaze the folks who grow the corn for a continent.

J. C. Vaughan, of Chicago, has some immense beds of cannas that give promise of abundant bloom.

Douglas county, Nebraska, has a fine display of palms and plants in the Horticultural building, and the state of Nebraska has also made a very extensive exhibit in the same line. Mr. J. J. Hess, of Hess & Swoboda, has had charge of the former, and Mr. Chapin, of Chapin Bros., Lincoln, Neb., is looking after the interests of Nebraska.

W. J. Hesser, of Plattsmouth, Neb., also has a palm exhibit that does him credit, and the old gentleman has renewed his youth under the inspiration of this opportunity to show what a western pioneer can do and has done since he was scalped by the aborigines some fifty or more years ago. He has the largest century plant in the world here, and it has the place of honor, the very center of the building. It is

[Continued page 60.]

Greenhouse Woodwork

Open-air-dried Cypress Lumber is more durable, and better suited to Greenhouse conditions than kiln-dried stock. But you cannot get it from those that are engaged in the business in a small way—even though their entire business is confined to greenhouse material—for it takes a long time for the lumber to thoroughly dry and this means an investment in lumber that only those of large capital can make. The only way to have air-dried lumber is to buy green lumber and hold it until it dries. Those that order dry lumber from the producers of Cypress get kiln-dried stock. It is cheaper for them to kiln-dry than to hold the stock long enough to season it in the open air. We carry a large stock and fill all orders with open-air-dried Cypress clear of knots, sap and all other defects.

WRITE FOR CIRCULARS OR ESTIMATES.

Lockland Lumber Co.

LOCKLAND, OHIO.

WANT ADVERTISEMENTS.

SITUATION WANTED—As foreman or grower by competent man. Best references. Married, no children. Address Foreman, care of Florists' Review.

WANTED—Good grower of roses and carnations as section foreman, also two young men with some experience as helpers. Address K. L., care Florists' Review.

SITUATION WANTED—As foreman with reliable firm. Roses, chrysanthemums, violets, etc. First class references. Address Ribes, care Florists' Review.

SITUATION WANTED—By an A1 grower of general greenhouse stock. Am 30 years old and single. If in need of a good man and are willing to pay fair wages, address M. K., care Florists' Review.

FOR SALE—First class retail stand, about 5,000 feet of glass, new. Has never produced less than $1,300 per year, net. Will require $1,000 cash; balance, time at 6 per cent. Reason of selling, failing health. Address Illinois, care Florists' Review.

WANTED—First class all around florist and gardener to take charge of 2 greenhouses (12 and 18x100) and vegetable garden or run same on shares; must be strictly sober and of good habits. Reply, stating wages wanted, to XX, Florists' Review, Chicago.

WANTED—In large cut flower growing establishment, experienced single man to take charge of four rose houses. Address, stating wages wanted, B. P., care Florists' Review.

FOR SALE—Six greenhouses, about 14,000 feet of glass; well stocked; wholesale and retail town of 4,000; no competition; less than 100 miles from Chicago; two railroads; good seed trade. For particulars address A., care Florists' Review.

SITUATION WANTED—By practical florist, as foreman. First class grower and propagator of ferns, violets, 'mums, etc. Age 36, married, near New York preferred. Address H., care Florists' Review.

FOR SALE—Greenhouses in one of the best cities in Eastern Illinois. Three houses, 3,700 feet glass, doing a good paying business, city water, telephone, and within three blocks of court house. No competition. Immediate possession given. Address H. D., care of Florists' Review.

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SITUATION WANTED—As foreman, good grower, single, age 30. Address N. T., Florists' Review.

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600 KAISERINS	3-in. "	5.00	"
600 KAISERINS	2½-in. "	3.00	"
4,000 BRIDESMAIDS	2½-in. "	3.00	"
400 PRESIDENT CARNOT	2½-in. "	3.00	"

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TO PURCHASE THE FOLLOWING : : : :

100 Double White Primula, 3-in. pots.
50 Euphorbia Jacquiniflora, 3-in. pots.
300 Roses, Duchess of Albany, 2½-in. pots
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100 " Comt. De Frigneuse, 2½-in. pots
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Please write us price and size for any variety in the above list that you can furnish.

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" "	4 "	2.50 "	20 00 "	
Extra" "	5 "	3.50 "	30 00 "	

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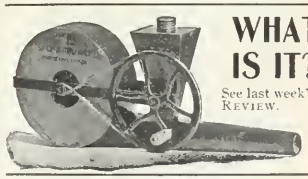

WHAT IS IT?

See last week's REVIEW.

Always mention the Florists' Review when writing advertisers.

not handsome, but it got there just the same."

The rest of the Horticultural building is full of fruit exhibits, most of the western states being represented, and California, of course, leading by a large majority.

The nurserymen's convention is over. The attendance was not large—about 100—and the "business" was all extracted in one day. The rain and the exposition were too much for them; but while it lasted the meeting was a very interesting one. The mayor gave a very humorous and patriotic address, giving the members his telephone number and the "freedom of the town," which is what he will tell the florists when they come; and Omaha is a "warm" town, no matter what the weather is, though even that climbs up to 110 degrees in the shade occasionally.

The nurserymen discussed (and cussed) the San Jose scale, and talked earnestly about foreign avoidance of duties on imported nursery stock and the necessity of a retaliatory protective tariff.

Prof. S. M. Emery, of Montana, delivered a very fine address on the climate, wonderful fertility, and immense orchards of his state, and the benefits of irrigation, painting with roseate hues the prospects and future of his adopted home, and dilating eloquently upon the snow-topped mountains, the salubrious air and the glorious appetite to be there enjoyed.

Exhibits were made by the Dayton Fruit Tree Label Co., Dayton; Vredenburg & Co., and the Rochester Lithograph Co., Rochester; Joseph Heinl, Jacksonville, Ill., Swedish and Irish junipers; P. J. Berkmans, Augusta, Ga., conifers, and others. The officers elected for the ensuing year were Hon. A. L. Brooks, Topeka, Kas., president; E. Albertson, Indiana, vice-president; Geo. E. Seager, Rochester, secretary; C. L. Yates, Rochester, treasurer.

The convention of 1899 will be held in Chicago.

At a practice game of the Omaha Bowling Club Saturday evening, June 10, the following scores were made:

						Average.
Stewart.. 146	210	...	...	...		178
Shaw 119	173	202	...	...		168
Davey 134	137	156	170	188		157
Swoboda 113	134	181	184	...		153
Hess 136	141	149	164	...		148
Donaghue, Sr.120	121	149	165	167		145
DeLaney 132	...	...	..	...		132

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"	3 -in.,	5 00	45 00
METEOR	2½-in.,	2 50	22 50
"	3 -in.,	3 50	30 00
BRIDE	2½-in.,	2 50	22 50
"	3 -in.,	3 50	30 00
BRIDESMAID	2½-in.,	$2 50	$20 00
"	3 -in.,	3 50	30 00
TESTOUT	2½-in.,	2 50	22 50
BELLESIEBRECHT,	2½-in.,	2 50	22 50
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LA FRANCE	2½-in.,	2 50	20 00

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MADISON, N. J.

Club Notes.

The regular monthly meeting was held in Masonic Hall on Wednesday evening last. President Duckham in the chair, and three new members were elected. This was the opening night of the monthly competitions and a grand showing was made. Philip Cox was awarded full points in the hardy flower class with a magnificent display of irises, paeonies, hemerocallis, aquilegias, etc. Other exhibits in this class but not in competition came from R. McMullin and W. Duckham. J. Robertson made a nice exhibit of vegetables, which richly merited the full award given, and A. Herrington received the award in the wild flower class with a collection of things in season. By motion made at the previous meeting, it was decided to divide the flowers exhibited between the two hospitals in Morristown, a disposition of them that will be greatly appreciated, and if the quantity shown on this occasion is a criterion, there will be a good shipment to each institution after the meetings.

Mr. C. E. Coren was the essayist of the evening, his subject being mosses. He gave a most lucid explanation of their manner of growth and methods of reproduction, his remarks being illustrated with the aid of a microscope. As the time for preparing his discourse had been short, a general desire was expressed for the lecturer to take up the subject again on some future occasion.

HUNT'S REVIEW OF THE CHICAGO MARKET.

The summer dullness seems to have arrived already. June, usually considered by the growers one of the best months of the year, all things considered, is proving a great disappointment. June weddings and school commencements have in years past made business in the flower line lively, but this year will be an exception.

Most growers are throwing out as fast as they can and replanting. The supply is in consequence materially reduced, and but a small percentage of receipts are of good quality. Carnations of all kinds are a glut and go at buyers' offers. Many are poor and sleepy when received and must be disposed of quickly in order to realize anything on them. Harrisii and callas are plentiful but find little sale. Paeonies and other out door spring stock about gone.

Chicago, June 13, '98.

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Strong Plants, 3-in. pots, foliage slightly spotted, $5.00 per 100; $45.00 per 1000. Sample by mail, 15c.
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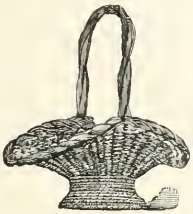

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1 plant, 5-in. pot, 24 in. high..... " .75
1 plant, 5-in. pot, 30 in. high..... " 1.00

KENTIA BELMOREANA,
1 plant, 2½-in. pot, 3 leaves, 10 to 12 in. high, per 100 ..... 20.00
1 plant, 3-in. pot, 4 to 5 leaves, 15 to 18 in. high, per 100..... 25.00
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All measurements from top of plant.

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Asparagus Plumosus Nanus

Strings 8 to 10 feet long, 50 cents. Shipped to any part of the country.

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Sphagnum Moss First quality, 85c per bale, 10 bales $6.00.
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For use with Violets. Stiff wiry Stems. Work up beautifully. Are all the rage

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Less quantity at $1.25 per 1000
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JUST THE THING FOR FERN DISHES.

10,000 Plants at $2.50 per 100, or $20.00 per 1,000. Cash with order from parties unknown to me.

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Wholesale Grower of Cut Flowers.

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Nursery Seed Florists' **Catalogues**
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We have a fine stock of these in strong bulbs starting nicely into growth which we offer at the price of dormant bulbs. These are just what you want to grow for summer flowering. They will be a pleasure to yourself and an attraction to visitors to your greenhouses.

"A big show at little cost and trouble." **75c per dozen, $5.00 per hundred.**

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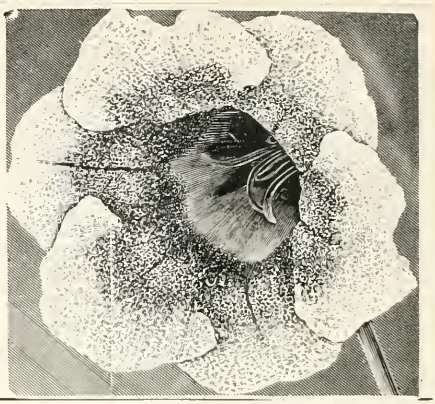
It will be to your interest to get our prices on **LILIUM HARRISII, FREESIAS, ROMAN HYACINTHS, and other Bulbous Stock before ordering.**

HENRY A. DREER, Philadelphia.



SPHAGNUM MOSS.

Mr. Z. K. Jewett, of Sparta, Wis., is one of the largest collectors of sphagnum moss in the country. He uses machinery in gathering the moss from the swamps, and has a railway extending right through them. The moss is gathered by heavy rake-like hooks, and hoisted into the car in which it is transported by horse power to the shore, and there spread out to dry. When dry it is sorted and baled. This has grown into quite an industry, and the uses for sphagnum seem to be continually increasing. Mr. Jewett also conducts a large nursery business and is a regular attendant at the conventions of the American Association of Nurserymen.

JADOO.

At the great horticultural exhibition in Ghent, Belgium, last April, the first prize for collection of 150 hyacinths in 50 varieties, was won by Byvoet Bros., Overveen, Holland, who had grown the hyacinths in a mixture of one-third Jadoo Fibre, and two thirds Dutch sand. They are much pleased with the results of their experiments with Jadoo in growing hyacinths.

A group of plants grown in Jadoo, and exhibited at the recent exhibition of the Royal Horticultural Society of England, was awarded a silver medal by the judges. This is an important and high distinction from such a society.

CINCINNATI.

The Cincinnati Cut Flower Co. succeeds the H. L. Sunderbruch Co. The new company is composed of W. A. Mann and F. W. Ball, who have had charge of the business for several years. Mr. Albert Sunderbruch withdraws from the business.

IF YOU want to buy you will find it to your advantage to buy of the advertisers in The Review. If you want to sell, you will find it to your advantage to advertise in The Review.

The Harrisii Disease

can be prevented by immersing the bulbs for ten hours in a half solution of.....

..Kraft's Plant Tonic.. 99%

This has been conclusively proven by experiments at Lincoln Park, Chicago. The Tonic also kills **Hard Shelled Scale, Mealy Bug,** and other insect pests without injury to the plant. A trial of a 25-cent bottle will convince you that a really remarkable insecticide has been discovered. Send for circular.

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ESTABLISHED 1866 **EMIL STEFFENS** SUCC.TO H. STEFFENS. AND STEFFENS BROS.

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Young Rose Stock for Planting Out of 3-in. Pots?

A dollar more on the hundred is nothing if you get better stock. Send 50 cents or $1.00 in stamps for samples of what you want to

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Mention Florists' Review. PEKIN, ILL.

Marie Louise Runners

25,000 at $4 per 1000; 60c. per 100.

WANTED 500 Maids, 600 Brides, 200 Perles, 200 Beauties, 200 Meteor, 200 Belle Siebrecht 2½-inch pots

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Florists' Review

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OUR reputation for high grade stock is well established. Our facilities for handling orders promptly are the best. Our new quarters, 161 to 163 East Kinzie Street, six floors, 40x100 feet, gives us ample room and every convenience for quick dispatch of your commands.

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Special Low Prices... on INSECTICIDES, FERTILIZERS and FLORISTS' SUPPLIES.

W. W. BARNARD & CO.

161 to 163 E. Kinzie St., ...CHICAGO, ILL.

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with your fellow-craftsman. We will introduce you. Every subscriber to the FLORISTS' REVIEW is requested to send to the editor a cabinet size photograph with name and address on back for use in our

General Introduction.....

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FLORISTS' PUBLISHING CO.
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OF FINE quality, now ready on the shortest possible notice, 12½c per full string. Cash or satisfactory reference.

H. TONG, Wholesale Grower, 18 Nathan St., (formerly M. E. Fasset) Ashtabula, O.

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Geraniums, 2½-in. pots, strong..	$1.50 per 100
Coleus, asst., 2½-in. pots, strong . .	1.50 "
Heliotropes, 2½ and 3-in. pots.	1.50 "
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Geraniums, 3 and 4-in. pots, $2.00 and	5.00 "

CASH PLEASE.

E. H. SMITH, - - MACOMB, ILL.

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When Writing Advertisers.

40,000 FIRST QUALITY FORCING ROSES.

READY FOR IMMEDIATE PLANTING.

Fully equal to those sent out the last six years, first-class and perfectly healthy in every respect. Only selected growth from flowering shoots used in propagating.

WOOTTON, LA FRANCE, AMERICAN BEAUTY, PRESIDENT CARNOT
3-inch pots, $8.00 per 100; 4-inch pots, $12.00 per 100.

METEOR, BRIDESMAID, GONTIER, SUNSET, BON SILENE, MERMET
PERLE, KAISERIN, BELLE SIEBRECHT, MME. HOSTE, NIPHETOS, BRIDE,
3-inch pots, $7.00 per 100; 4-inch pots, $10.00 per 100.

J. L. DILLON, BLOOMSBURG, PA.

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IF you are in the trade and are not yet a subscriber to the FLORISTS' REVIEW, send in your name and one dollar now and you will receive not only the FLORISTS' REVIEW for one year, but also a certificate entitling you to the earnings on one dollar's worth of stock in the Florists' Publishing Company.

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You will have an interest in the success of the paper.

You will see that you can buy everything that you want to just as good advantage from advertisers in the FLORISTS' REVIEW as elsewhere and at the same time benefit yourself by increasing the earning power of your certificate.

This mutual arrangement cannot fail to bring to the paper a heavy advertising patronage, and as a result the stock represented by your certificate will earn good dividends. And the more you buy of advertisers in the FLORISTS' REVIEW (always mentioning the paper), the larger your dividends will be.

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CLEVELAND.

We are at the present time suffering from what has become quite a common complaint in the florist business—a lack of proper relations between supply and demand. The over-supply to some extent, of course, has resulted from the excessively hot weather we have been compelled to endure for the past week or ten days, and which has hurried carnations and roses along at a prodigious rate, at the same time making roses in particular even worse than before.

Good stock in roses has sold fairly well, but there was not much that was good.

Carnations it has been almost impossible to give away. They were offered at ridiculous rates, but even at that retailers were afraid to touch them, not thinking they could even get the pittance at which they were offered out of them again. The stock has been very good, too, more especially Scott, and where it is grown, Eldorado. But people simply could not use the quantity on the market at any price. Some outdoor flowers like bachelor buttons sold at as good or better rates than at which carnations were refused.

There has been the usual stock of outdoor flowers, paeonies, etc. The hot weather, of course, overstocked the market with these and quantities had to be thrown away.

The long spell of dry weather has been broken lately by several good showers, and the outlook at present is for still more, which will be very welcome, indeed. NEMO.

MILWAUKEE.

As far as sales were concerned, trade was exceptionally brisk the past week, but the money considerations were small. Large blocks of stock were moved at very low prices. Carnations were coming in in large quantities and only extra fancy stock had any market value. Inferior stock was sold at the buyer's own price. Good reds were scarce, and Daybreaks, while having good stems, the flowers were badly faded in color. In roses, fine stock was scarce, especially Brides and Meteors, but poor stock, unfit for shipping, was plentiful. American Beauties were largely in demand. Less valley is called for than usual for this month; perhaps this flower is going out of fashion or June weddings are not so numerous. Warm weather has brought in paeonies in large quantities, mostly pink and white. Bedding stock sold well this spring, the call being mostly for geraniums. GEO. W.

PHOTOGRAPHS.

About a month ago we received four photographs of the interior of a store at Easter time with no mark of identification to show who they came from. We would like to know the name and address of the sender. In one picture the words "Easter Greeting" appear upon a ribbon attached to some lilies.

We have a Fine Stock of the Leading..... **CANNAS** In fine shape for immediate bedding.

Extra Strong Pot-Grown Plants.

Best Standard Sorts at $8.00 per 100, as follows: Mme. Crozy, Alphonse Bouvier, Chas. Henderson, Florence Vaughan, F. R. Pierson, Egandale, J. D. Cabos, Queen Charlotte, Pres. Carnot, Paul Marquant, J. C. Vaughan, Admiral Avellan, Austria, etc.

Extra Choice Varieties at $10.00 per 100, as follows: Pierson's Premier, Chicago, Eldorado, Papa, Souv. de Antoine Crozy, Souv. de Pres. Carnot, Beaute de Poitevine, Italia, Burbank, etc.

Recent Introductions and Novelties at $15.00 per 100, as follows: Philadelphia, Souv. de Mme. Crozy, Maiden's Blush, Mrs. Fairman Rogers, Robert Christie, Mlle. Berat, etc.

We have a fine stock of **TARRYTOWN** and **PRES. CLEVELAND,** two of the finest varieties that have been introduced in years. **$6.00 per doz.; $40.00 per 100.**

We can also supply the following varieties in limited quantities at **$6.00 per doz.,** viz: Defender, Pres. McKinley, California, Duchess of Marlborough, Rosemawr, Sam Trelease, Duke of Marlborough, Furst von Hohenlohe. Can supply Goliath at **$9.00 per doz.**

MUSA ENSETE (Abyssinian Banana) Extra strong plants, 6-in. pots, $3.00 per doz.

CALADIUM ESCULENTUM Strong dormant bulbs, 9-12 in. in circumference, $6.00 per 100; strong plants, 6-in. pots, $12.00 per 100.

We also have a fine stock of

MONTHLY ROSES for bedding. Can offer fine plants, 3½-in. pots, coming into bud and bloom, at only **$8.00 per 100,** as follows: Mosella (the Yellow Soupert), Clothilde Soupert, Hermosa, Duchesse de Brabant, Mme. Jos. Schwartz, Etoile de Lyon, Metoer, Aug. Guinoiseau, etc. Also

Extra Choice Hybrid Teas at $10.00 per 100, as follows: Kaiserin Augusta Victoria, Pres. Carnot, Mme. Caroline Testout, Maman Crochet, Souv. de Wootton, Sunset, etc.

We can also offer some extra fine, large and heavy two-year-old **Hybrid Tea Roses,** 6-in pots, coming into bud and bloom, fine stock where extra heavy plants are wanted, at **$30.00 per 100,** as follows: Pres. Carnot, Mme. Caroline Testout, Kaiserin Augusta Victoria, La France, Aug. Guinoiseau, Caroline Marniesse, Meteor, etc.

We have also a fine lot of extra heavy

CRIMSON RAMBLERS in 5-in. pots, at $3.00 per doz.; extra heavy, 6-in. pots, with canes 3 to 4 ft. long, $5.00 per doz.

We have also a fine stock of

DRACÆNA INDIVISA Strong plants, 5-in. pots, $3.00 per doz.; extra strong plants, 6-in. pots, $6.00 per doz.

HYDRANGEA OTAKSA Fine tubs in bud and bloom, eight to twelve buds and flowers each, beginning to show color, for $1.50 to $2.00 each.

We have also a fine line of

BEDDING PLANTS Coleus Verschaffeltii and Golden Bedder, Alternanthera Paronychioides Major and Rosea Nana, Dbl Grant and Beaute de Poitevine Geraniums, Tom Thumb Alyssum, Abutilon Savitzii, Nasturtiums, Vincas, etc.

IF IN WANT OF ANY STOCK, WRITE US FOR PRICES.

F. R. PIERSON CO., -- Tarrytown-on-Hudson, N. Y.

ASPARAGUS SPRENGERI

SPECIMENS FOR 8-INCH POTS, $6.00 per 12.

50,000 Plants, 2½-in. pots, $5.00 per 100, express. 24 by mail for $1.50

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Modesto, Mayflower, J. Jones, Mrs. Robinson, Bergmann, Marie Louise, Evangeline, Ivory, Dailledouze, Golden Wedding, Lincoln, Golden Trophy, M. Henderson, Golden Wonder, Perrin, Viviand-Morel, Pink Ivory, Maud Dean, Gold Standard, Murdock, Bonaparte, and other varieties.

Rooted Cuttings, 1½c each.
Out of 2½-in. pots, 2½c each.

JACOB RUSSLER, 102d and Butler Sts., Fernwood, CHICAGO.

CANNAS

Alphonse Bouvier, Queen Charlotte, Mme. Crozy, Paul Marquant, Florence Vaughan, Fuerst Bismark, fine plants from pots, $5.00 per 100.

BOUVARDIAS, single red, white and pink, from 2-inch pots, $2.00 per 100.

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Vinca Major Variegata.

1,000 3-inch Pots.

3 to 5 leads, 18 to 24 inches long, 75c per dozen. ..... $5.00 per 100.

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3 to 6 feet long, light		$2.00 per 1000
5 to 8	" medium	2.50 "
7 to 10	" heavy	3.00 "
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A very select quality, 75c per bale, 10 bales $6.00.....Grown and packed by

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Write for prices on car lots.

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GERANIUMS, COLEUS, VINCAS, PANSIES, VERBENAS, ASTERS, GRAVE MYRTLE, ALTERNANTHERAS, ETC.

....SEND FOR PRICES TO **ELLIS & POLLWORTH, Box 75, MILWAUKEE, WIS.**

Chrysanthemums
2½-inch.

Carnations
from soil.

ALL FINE STOCKY PLANTS

Geraniums
3-inch.

Cannas
4-inch.

Write for Quotations.

THE COTTAGE GARDENS,
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PALMS AND FERNS

The Largest Stock of Plants in the West.

Geo. Wittbold, 1708 N. Halsted St. Chicago

Carnations

F. DORNER & SONS CO.,
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....NOW IN COURSE OF PREPARATION....

THE

Florists' Manual

By WM. SCOTT.

It will tell you just what you want to know in just the way you want to be told.
It will cover the whole field of Commercial Floriculture, the articles arranged alphabetically, so that reference may be quick and easy.
It will be a whole library in itself.

Price, $5.00.

Send in your order now.

Florists' Publishing Company
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Do You Want to Save 10° o?

Let us figure NOW on your list of BULBS for summer and fall delivery.

We Offer Special { Latania Borbonica Seed, per lb., 50c.; 5 lbs., $2.25, delivered. Areca Lutescens, 100, 75c.; 1000, $6.00, delivered.

Harrisii, Longiflorums, Roman Hyacinths, Etc.

Address, Established 1878. **H. H. BERGER & CO.,** 220 Broadway, New York.

Latania Borbonica

Extra fine stock, 3-inch pots, one character leaf, $10.00 per 100. 4-inch, two character leaves, $12.50 per 100.

Sago Palms

With fine leaves, $4.00, $5.00 and $6.00 per dozen; perfect plants that will be quick sellers. All sizes in Sagos from 35c each to large specimens. Write for prices.

Coleus

A few thousand very strong Rooted Cuttings, Golden Bedder, Nellie Grant, $1.00 per 1000 to clear out.

Lemon Verbenas

Strong plants, 4-inch pots, $5.00 per 100; 5-inch pots, $6.00 per 100.

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CRITCHELL'S
B. P. CRITCHELL, Mgr.
110 East 4th St. CINCINNATI, O.

CRABB & HUNTER,

Violet and Carnation Specialists,
GRAND RAPIDS, MICH.

NOW is the time to buy Rooted Violet Runners. Marie Louise, Farquhar and Lady Hume Campbell, $1.00 per 100; $7.00 per 1000. In pots later. Write for prices.

Ornamental Shrubs,

HERBACEOUS PERENNIALS.

A specialty of Iris, Phlox, Pæonies, Pyrethrums, Poppies, etc. Wholesale List on application,

JACOB W. MANNING,
The Leading New England Nurseryman. ESTABLISHED 1854. READING, MASS.

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Stock to sell to the trade advertise it in....

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Florists' Review....

ROCHESTER, N. Y.

With flowers of every description in plenty and only an ordinary every-day demand, prices have dropped to a very low figure. The June weddings up to date, numerous as they were, have not proved very profitable to our florists. Most of them were conspicuous only for simplicity in floral decorations, though on some few occasions the church and house were profusely adorned with immense quantities of flowers, but only the cheap outdoor stuff, such as paeonies, snowballs and spiraeas in long branches, and pale colored irises were employed in these decorations; a great amount of work and a big show for little money. Now the paeonies are getting scarcer and the price for them has experienced a little advance. The dry weather prevailing for the last three weeks has cut short the season for German iris, but the Spanish and English irises are coming on fast.

The big, hardy poppies, delphiniums, tall campanulas and spiraeas of all sorts are plentiful, and these are the kind of flowers which are in demand here with us in early summer. Of course, there are always some people who prefer a few choice roses or carnations to any of the bulky outdoor flowers, but even the most fastidious will at times take a fancy to a bunch of heuchera sprays, single pyrethrums in bright colors, the dainty Spanish iris, or the lemon lily, campanula and lychnis of various sorts, when they see them on the counter.

The past two weeks our growers have had a busy time. Some have cleaned their rose houses and are planting young stock. Many chrysanthemums are in the benches already, growing fast. In other places the work of cleaning and repairing the benches is well under way, and in a few days all the rose houses in our neighborhood will be filled with healthy young plants. Carnations in the field are doing fairly well. They had a good start when first planted and the dry spell lately has not affected them so far. Neither have the violets suffered in any way yet. A few little showers last Saturday were welcomed by every grower. K.

THE Park and Outdoor Art Association holds its annual meeting at Minneapolis, Minn., next Wednesday, Thursday and Friday. A very interesting program has been arranged and the people of Minneapolis will welcome the visitors with great hospitality.

TUSCOLA, ILL.—Mr. W. A. Jutkins has purchased the business of the Tuscola Floral Co. and combined it with his own. He uses the title "Tuscola Greenhouse, W. A. Jutkins, proprietor."

BLOOMINGTON, IND. — Mrs. A. J. Summers will build a greenhouse this summer.

Carnations in Compost

A grower reports:

"I have used Jadoo Liquid on Carnations in compost, and find—
1st. That the fragrance is increased.
2nd. That the flower is larger and the stem stiffer.
3rd. The dealer who sells what I raise reports that my Carnations last longer than any he receives.
4th. I only use a pint of Jadoo Liquid to fifty gallons of water, but have used it frequently."

The above is only **another** endorsation of our claim, that if used intelligently, Jadoo will do all we claim for it.

The American Jadoo Co.,
817 Fairmount Avenue, ...PHILADELPHIA, PA.

Correspondence Solicited

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We have still on hand a limited number of the following fresh importations:—
CATTLEYA LABIATA, C. MOSSIAE,
Laelia Purpurata and Miltonia Candida.
Lager & Hurrell, Growers and Importers.... **Summit, N. J.**

SMILAX

75 cents per 100;
$5.00 per 1000.

Sample Plants for 10 cents.

ALBERT M. HERR
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Cold Storage Valley
ALWAYS ON HAND.
Cases of 2,500 Pips, extra quality, $25; per 1,000, $12.
Cases of 3,000 Pips, good quality, $25; per 1,000, $10.
CLUCAS & BODDINGTON CO., 501 & 503 W. 13th St., New York City.

Violets and Pansies

20,000 Rooted Runners of California Violets must be sold at once. Immediate delivery. **$2.50** per 1000. **3,000** Princess of Wales, **75c** per 100. **Very large strong roots.** **2,000** Swanley White Violets, **$3.00** per 1000.

5,000 PANSY CLUMPS from cold frames, international strain. Very fine, in bud and bloom, **50c** per 100. Cash with order or satisfactory reference.

JOHN F. WALKER, Waldrop, Va.

Field Grown Carnations
All the best varieties ready in September
GEO. HANCOCK & SON, Grand Haven, Mich.

STANDARD POTS

Every user of Flower Pots should correspond with us before purchasing elsewhere. Our facilities are unequaled.

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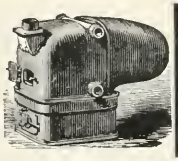

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HOT WATER BOILERS, PIPES AND FITTINGS.
SEND FOUR CENTS FOR CATALOGUE.

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Victoria Trickeri

Can be grown in the open air **without artificial heat,** under the same conditions as Nymphæa Devoniensis and Zanzibarensis. It grows to gigantic proportions when given ample room, but succeeds admirably in a tank of not more than six feet in diameter. We have also grown it as a pygmy in a ten-inch pot, where it flowered beautifully, the leaves with turned-up edges and all the characteristics of a fully developed plant. Plant out any time in June. For best results get a large plant. **Price, $5.00, $7.50 and $10.00 each,** according to size.

We also have on hand fine plants of **VICTORIA RANDI, $7.50** and **$10.00** each. Also an extensive collection of hardy and tender day and night blooming **Nymphæas.**

Come and see our Water Garden at Riverton, N. J.

HENRY A. DREER, 714 Chestnut St., Philadelphia.

The Model Extension Carnation Support

QUEENS, N. Y., Feb. 16, '97.
MR. THERON PARKER, Brooklyn, N. Y. Dear Sir:—I have tested your latest Model Carnation Support, and am free to say that I consider it the best wire carnation support that I have ever seen. It is quickly and easily applied, and I think will prove very durable, and you certainly deserve great credit for the invention.
Very truly yours,
C. W. WARD.

FLATBUSH, BROOKLYN, N. Y., Feb. 18, '97.
MR. THERON PARKER.
Dear Sir:—Your wire stake is certainly a gem. Without hesitating we endorse it as an up-to-date Carnation Support. Yours truly,
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LOUISVILLE, KY.

The Kentucky Society of Florists, which met last Tuesday, has decided to give on August 4 an unusually fine picnic, which will take place at Anchorage, near C. Rayner's Rose View greenhouse. Considerable preparations are being made for this treat and the florists generally are contemplating closing their stores on that day. The best band in the city will be present, refreshments served en route, decorated special train, and a hay ride, accompanied by the band and banners, will be some of the features of the day. All florists are particularly invited to take part in this pleasant entertainment. The society anticipates fruitful results from this gathering. Committee of arrangements: C. Rayner, chairman; S. J. Thompson, H. Kleinstarink.

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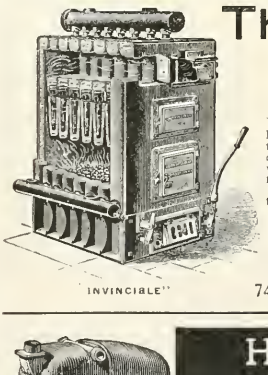

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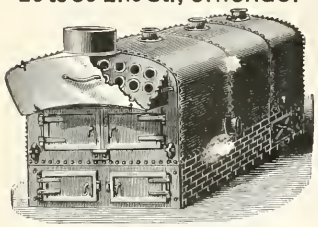

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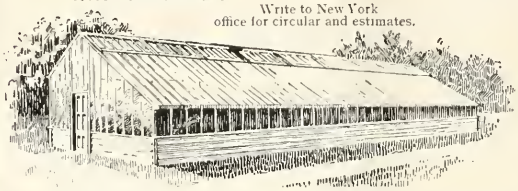

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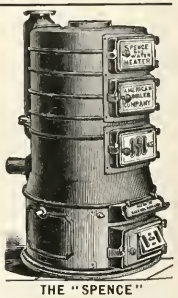

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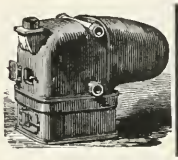

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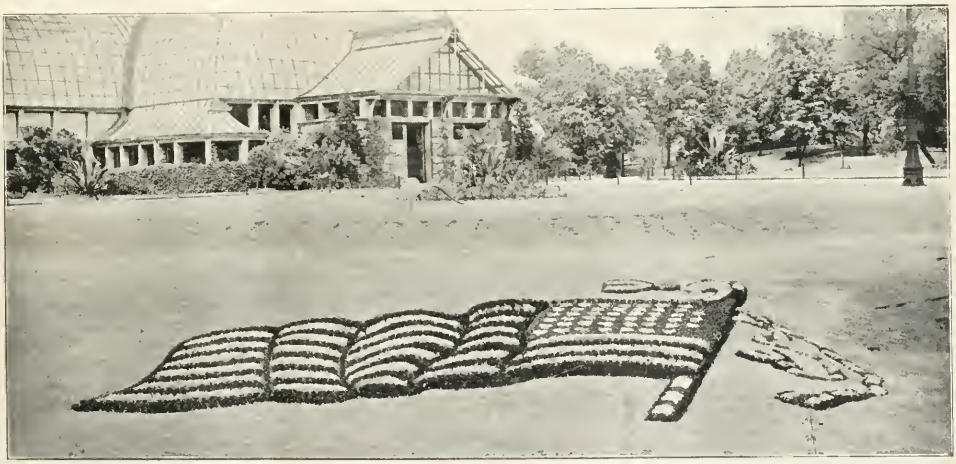
Vol. II. CHICAGO AND NEW YORK, JUNE 23, 1898. No. 30.

THE FLAG IN PLANTS.

Patriotic emblems are now the vogue and much interest has been shown in the flag in bedding plants at Lincoln Park, Chicago, of which we present an engraving from a photograph taken last week.

The red stripes are of Alternanthera Lindenii, and the white ones of Leucophyte Brownii, the folds in the flag being also represented by the alternanthera. The stars are echeverias in a field of blue stone.

The stone is crushed lime stone that has been stained blue. The lime stone seems to absorb the stain and hold the color better than other stone. About one and one-half gallons of stain were used in this case and the stain was made of Prussian blue in a gallon of turpentine to which was added a quart of boiled linseed oil and a pint of Japan. Oil paint alone would not be permanent. The turpentine carries the color into the grain of the stone, and the Japan fixes it there. The stain is quite dark, but when the stones are dry they are the right color. The stain was mixed in a keg, into which the stones were shoveled and allowed to soak for about two hours. They were then taken out and spread out to dry. This stain will hold all summer. We describe this stain quite fully as many inquiries have been made about it.



The Flag in Plants at Lincoln Park, Chicago.

GERANIUMS.

Mr. August Jurgens, Chicago, says the spring bedding plant trade just past indicates that the geranium has a stronger hold than ever on the fancy of the public.

As an all round geranium he places S. A. Nutt at the top of the list. It does well in any situation, and is as good in a window box as in a bed. Its only drawback develops when the plant gets too much water, as it then makes long, soft stalks that won't bloom. In this connection, Mr. Jurgens is careful to warn those who are to have charge of geranium beds after they are planted, against overwatering, and particularly against sprinkling

water over the open flowers, which causes them to decay and turn black.

In white, La Favorite takes the lead at present with Mr. Jurgens, though he is very favorably impressed with Mme. Buchner and Fleur de Neige, which have more flowers to the truss.

He has had trouble with Bruant and may have to discard it. With him, Mary Hill is taking the place of Emile de Girardin. The former is about the same shade, and the latter has been badly diseased.

For a hot situation against a south facing wall he finds nothing equal to the two old sorts, Gen. Phil. Sheridan and Queen of the West.

He considers J. J. Harrison the best semi-double scarlet. It is similar to Bruant but more vigorous. For a brilliant crimson, Rev. A. Atkinson still holds the fort with him.

Alphonse Ricard has impressed him as favorably as it has Mr. Scott, and he believes it will take its place as a standard sort. Mme. Thibaut has a beautiful flower of a dark wine color, but it burns in the sun. Beaute de Poitevine has been a very satisfactory semi-double salmon pink sort with him. James Vick, of similar color, has bloomed very well when planted in a partially shaded place, and is valuable on this account. He has a number of the newer sorts on trial about which we hope to report later.

To show the ascendency of the geranium in a stock of plants for general retail trade, we print the number of other plants he grows to each 1,000 geraniums: 700 alternantheras, 400 echeverias, 150 coleus, 100 verbenas, 8 fuchsias, 8 heliotropes, 30 pansies, 75 lobelias, 75 Vinca rosa, 200 variegated vincas, 100 English ivy.

Although the pansies show up so small in the above proportion, he grows a good many. He carries them over winter in frames, hardens them off well and aims to have his customers plant out their pansies early in April. In this way they get some benefit from them, whereas if not bedded till May, warm weather soon follows and the flowers become small very soon. It is in the cool, early spring mouths that pansy beds produce the most satisfactory flowers.

CHRYSANTHEMUMS

CHRYSANTHEMUM NOTES.

Insects.

Caterpillars are beginning to get in their fine work in the houses, and it behooves the grower to keep watch of them from the first or they will soon become a nusiance. In looking over the plants, the tiny yellow eggs will be found deposited generally on the under side of the leaves in a circle, and if they are crushed between the thumb and finger, that will be the last of them. If a leaf be noticed with the tissue eaten out, a newly hatched colony will always be found there, busily feeding. If caught in time they are not much trouble, but once they set out to travel in search of fresh fields, and pastures new, they soon do lots of damage.

I make it a rule to kill all butterflies that I find in the houses, if I can catch them. I don't know if they all deposit their eggs on the plants, but one can't afford to draw the line too fine these days. There is a little dirty white butterfly, very plentiful during July and August that is the worst offender; the cabbage butterfly I believe some people call it. The young brood of this insect will eat up the foliage of a plant quicker than anything of which I know. Life from now on will be no sinecure for the grower. Almost every day some new insect will pay him a visit, and the length of its stay will be gauged by the reception it receives. The only bug so far as I know, which is beneficial instead of harmful, is the lady bug. She is a blessing in disguise, for she helps keep down the black fly.

Late Varieties.

There is plenty of time yet to root cuttings for late planting. If they are put in now, they will be in good shape for planting the first week in August, or possibly a little sooner. Varieties that are naturally late, should be selected for this work. Yanoma is spoken of as a fine late white, but I am not acquainted with it. Bonnaffon, Liberty, H. W. Rieman, Golden Wedding, Maud Dean and Iora, are all good for late work if treated properly.

I think Bonnaffon, all things considered, has the longest season of any variety. Crown buds taken on August 15, have with us been in fine shape for cutting by October 15, while if struck late and is kept growing it can by using the terminal bud, be kept till Thanksgiving. Crown buds on Bonnaffon make a deeper flower, though hardly so refined in appearance as the strictly Chinese type which the terminal bud produces.

Terminal buds only should be taken for late work, as the terminal bud will open in a temperature anywhere above freezing, while the crown bud requires a minimum of 45 degrees. A separate house should be used for late work, must be used in fact to produce any kind of results, because every effort should be exercised to keep them growing as long as possible before showing bud, and this cannot be done when the earlier buds are swelling and need a little heat and a considerably drier atmosphere. C. TOTTY.

HEATHS.

I called on Mr. Anton Schultheis, College Point, L. I., the other day to have a little chat on the erica question. Mr. Schultheis has made a specialty of this class of plants and has been very successful with them in spite of the supposition that it was or seemed impossible to handle this class of hard wooded plants on this side of the Atlantic. Hard work, combined with a good deal of experimenting, has been crowned with well deserved success, and in response to a few vital questons, Mr. Schultheis willingly imparted what may prove interesting to the readers of The Review, so with pencil and pad in hand, I jotted down the following questions and answers:

How long have you been growing heaths in this country, Mr. Schultheis?

About five years.

Do you think they can be grown successfully in any other section outside of Long Island?

Yes, they can be grown anywhere, if the man who handles them knows a few of their characteristics; in fact knows how to grow them properly.

What are the principal points to be noted in heath growing?

Careful watering is the main and all essential one, the balance comes easy. Care should also be taken in the mixing of the compost, about which I will speak later.

With regard to propagating, do you use hard or soft wood for your cuttings?

Soft, the softer the better.

When should they be taken?

In February and March is the best, though several varieties can be propagated at any time; experience alone can teach you.

What are your methods?

I usually set them in pans filled with good drainage and sharp sand, and cover with a bell glass, keeping the temperature as near 50 degrees as possible.

How long does it take a rooted cutting to make a plant in a 5-inch pot?

Two, three and four years according to variety.

When do you place your plants outside?

About the end of May in pots, and plunge them to the rim of the pot. The variety Erica persoluta alba and E. persoluta rosea, also Erica fragrans, do bêtter planted out, and make fine plants. It is better for beginners however, to keep them in pots, as you can control the watering much better.

When you plant them out, do you use any special soil?

Bed of Ten-week Stocks at Lincoln Park, Chicago.

Yes, we get the black muck from the low lands, and use a little sharp sand, but no manure.

Do you ever feed your plants?

Yes, we mulch them about the end of August with well rotted cow manure.

What soil do you use when potting?

The same as when planted out, though where it is possible to secure it, good peat with the fibre taken away is an excellent thing if a fair amount of sharp sand is added.

When do you house your plants?

As soon as there is any likelihood of frost.

What is the best temperature to keep them in?

It depends if you are going to force them or not; 50 to 55 degrees I consider the best for all varieties.

What varieties are you handling chiefly?

I divide them into sections, the following I usually get in for Christmas: Erica fragrans, white, globe shaped; Erica Wilmoreana, pink, trumpet shaped; Erica praestans, white, like Erica persoluta alba, and a limited quantity of Erica hyemalis, like Wilmoreana, but somewhat darker in color.

For November, I have usually a number of small plants of Erica gracilis vernalis, a very pretty pink, globe shaped flower.

Among the standards for Easter work are: Erica persoluta alba, white, globe shape; Erica persoluta rosea same as above only pink; Erica Spencerii, yellow, trumpet shaped; Erica mediterranean, large lilac pink, trumpet shape; Erica translacea, large bright rose pink; Erica persoluta rubra, deep pink, globe shaped.

Of other varieties with which I am experimenting are: Erica globularis, a bergamot pink, and shaped like a huckleberry, and will be sold for the first time next Easter; Erica porcelena, short white trumpet flower; Erica arbuscosa, short bright pink flower, and Erica campanularis, like a small lilac colored campanula.

Other varieties I expect to import at some future date as the demand is growing and they are a profitable and interesting class of plants, but require an incalculable amount of patience to master their proclivities, after which the rest comes easy. The best way is to get a few stock plants and experiment with them, noting their peculiarities, their wants and their dislikes. It is only a matter of time when they will be universally grown, as the public is looking for novelties all the time, and in heaths you have at once, a novel, pretty and eye taking plant.

H. A. B.

BED OF STOCKS.

We have several times mentioned the beds of ten week stocks to be seen every spring at Lincoln Park, Chicago, and we now present an engraving from a photograph of one of the beds taken last week. This bed has a border of Pyrethrum aureum.

On page 889 and 890 of our issue for May 5, will be found a full description of the methods of culture pursued by Head-Gardener Stromback. The beds make a good show till July when they are replaced by other plants.

OLEA FRAGRANS AND MAGNOLIA FUSCATA.

If some reader of The Review would advise me how to propagate Magnolia fuscata and Olea fragrans (Sweet Olive), it would be highly appreciated. Both plants are hardy here, but so far I have never succeeded in their propagation, though I have tried various methods.

Mississippi Subscriber.

These are best propagated from cuttings taken from well matured wood during November. Insert the cuttings in clean sand upon cutting bench. Leave off bottom heat for three to four weeks, then give heat gradually, increasing the temperature as the callus appears. Keep the cuttings covered with glass; a hotbed sash will answer.

The great difficulty consists in keeping the cuttings sufficiently moist, to prevent damping, and not too dry to cause loss from want of water. The glass must be taken off occasionally during damp weather and the bottom heat regulated to a nicety, or failure will ensue, and a great deal of experience and watchfulness is required. A batch of thousands of cuttings will sometimes be lost in one night from over heating, or damp off during a protracted rainy period. P. J. B.

BIGNONIA GRANDIFLORA.

Replying to the inquiry of F. J. U. would say that Bignonia grandiflora is a native of Japan and China, and differs from our native Bignonia radicans, in producing larger and hand-

somer flowers, and having a more compact growth and larger foliage. It can be trained as a small tree, after the stem has been supported for three or four years. The Japanese species was introduced in Europe at the beginning of this century, and is therefore quite abundant in the south of France, where, as in the southern states of the Union, it is perfectly hardy.

The native species (B. radicans) is found throughout the whole south and as far north as western New York, according to Amos Eaton. This species is considered a nuisance in many southern fields. P. J. B.

Smilax.

As soon as houses are cleaned up and your mums and roses are planted you should prepare for your new bed of smilax. For the general florist it is indispensable and continually wanted. You will waste time running after a few strings, and it is doubtful if it is not quite as profitable as many things we grow. The sooner you plant it after July 1 the more profitable it will be. It should always be as near the ground as possible, to give all the head room for a long string, and if it is a fairly dry house there is no need of board bottom to the bed. Eight inches of soil will grow it well and 6 inches will do, but it needs more attention in a shallow bed than in a deep one. Smilax is not profitable in a night temperature of less than 60 degrees, and the soil that suits it best is a rather heavy loam with a fifth or sixth of half rotten cow manure. I am a strong advocate of planting every year. You get more useful, compact strings and you get more of them. If care is taken in cutting, and they are quickly tied up, you can with a good temperature easily get four crops in a year. I have been often asked how far apart should the plants be set. I would say 10 inches between the rows and 8 inches between the plants.

Asparagus Plumosus Nanus.

There is an ever increasing taste and demand for light and graceful foliage for our bunches of roses. It is a continual cut, and even if two or three dozen of roses are placed in a box, especially if they be of the Bride or Bridesmaid type, some pretty green adds much to their appearance, and when placed in a vase it is absolutely a necessity. Maiden Hair fern, if of fine quality will do, but it does not equal Asparagus plumosus nanus. It is not so lasting, nor is it as graceful. You should be prepared to have a good bed or 100 plants in pots of this beautiful asparagus. When you want 25 or 50 strings 10 feet long you will always have a few days' notice and can procure them from your wholesale or commission man, but not so the sprays that are asked for at any moment and which are so much more suitable for a box or bunch of flowers than the long strings cut into short lengths. Plant out in 6 inches of soil a goodly number of this asparagus. One foot apart will do, and when they show an inclination to send up one of their strong shoots just nip the top out of them and it will make that shoot branch out and induce others to grow.

Asparagus Sprengerii.

For larger decorations, say for large vases of flowers or for many purposes, the beautiful, lasting and easily grown Asparagus Sprengerii is a great acquisition. I have tried it in pots, pans, hanging baskets, and planted out and it thrives anywhere. A few plants should be put into hanging baskets, for they are most valuable for decorating where that feature would be admissible. Some should be grown in 5-inch pots, for what can be finer for a mantel decoration, and some should be planted out in 5 or 6 inches of good rich soil on a bench. When planted out they should not be nearer than 18 inches apart and better 2 feet, for they make fronds of 3 feet in length. It may be just worth mentioning here that recently having occasion to use a few dozen pans of Sprengerii at a decoration, and being in a gas lighted room for 48 hours, I could not see that the youngest growths were in the least hurt.

Boston Fern.

The Boston fern or what is known as Nephrolepis exaltata Bostoniensis, has proved a most satisfactory house plant and will be in still greater demand the coming fall and winter. If you have a stock of young plants, say in 3 or 4-inch pots, you can make fine plants of them quickly by planting them on a bench in 5 inches of soil. They will be fine plants by the end of September, and in addition to the main plant you can get any amount of young stock from them, which you can grow on, and many of them will be most desirable for use in ferneries during the winter. The soil on the bench for these Nephrolepis should be a good loam with a third of well rotted spent hops, leaf mould or old well rotted hot bed. They are really not particular about soil, but a good friable soil suits them best.

Nephrolepis Tuberosum.

The old Nephrolepis tuberosum is the most useful of all of them for outside work, such as vases, jars and veranda boxes. It is stiff and rigid and will endure wind, sun and dryness better than the others. You should spare a few square yards to them now. Two dozen plants on the bench at present will give you hundreds of young plants by November, which if lifted and grown on will by the following May be fine plants in 4-inch pots and a most welcome addition to your plants for the use mentioned above.

New Cannas.

To those who have not bought all the new cannas, I would just mention that one of the grandest introductions is, in my opinion, Sam Trelease. I won't pretend to describe it, but suffice to say it is a rich scarlet with orange throat, and is altogether a grand one. You should buy a few and plant out; that is cheaper than buying them next winter. WM. SCOTT.

OVERHEAD HEATING.

A reader of The Review who signs himself "Western Florist," sends a rather long communication, which boiled down is this: He contemplates renting about 1,500 feet of glass, which is all in good order and suits him except that the system of heating is all overhead. The intended crops will be nearly all carnations. His experience has been entirely with the pipes under the bench, and thinks with the pipes being all overhead, "it's a good plan to produce a regular Paradise for red spider in the dark winter months."

While being entirely opposed to any of the heating pipes being higher than the side walls of the house, whether they be steam or hot water, yet our friend is, I think, mistaken about the conditions being favorable to red spider. If the pipes were under the bench a space would be left between walls and bench for the heat to pass up through, and in the interior of the house it would rise almost vertically directly it reached the edge of the bench, and quite as likely, indeed much more so, to produce red spider than if the pipes were overhead.

If there are two of our important crops where the overhead system is favorable, it is carnations and violets; for the latter it is the only plan. Neither of them wants any artificial heat at the roots, so if carnations are to be the main crop, you can get along with the pipes above the plants. For a general collection of plants, especially

Plant of Carnation Jubilee, grown by Wietor Bros., Chicago.

what is known as soft wooded, such as geraniums and the usual run of bedding plants, the pipes overhead are both most unsatisfactory and unnatural.

In the very cold days of winter you are firing hard enough to cause a circulation throughout the house, but in milder weather when firing is resorted to as much to keep out dampness as to keep up temperature, the little heat generated will be above the plants or escaping out of the ventilators, while the plants are standing cold and damp. This experience I have passed through and know it is so.

When the overhead fad was first started some 15 years ago, some misguided but doubtless honest advocate of the system said it was natural that solar heat came from above, and that was where our pipes ought to be. If he had said that elevating the greenhouse a mile in the air would save heat, because we would be nearer the sun, it would have been as rational. For a commercial greenhouse, I believe there is only one place for the pipes, and that is on the side walls.

WM. SCOTT.

CARNATION JUBILEE.

We present herewith an engraving of a plant of Jubilee carnation, grown by Wietor Bros., Chicago. This plant was lifted from the bench and potted, simply to facilitate the work of securing a photograph of an individual plant.

Their plants of Jubilee for the coming season's bloom, are now in 3-inch pots, and will soon be planted out on the bench, being carried through the summer under glass. A light shade will be given during July and August, and occasional syringings, together with damping down the walks to keep down red spider.

Their method of supporting the plants is to stretch wires in the same manner as for roses, but only ten inches above the surface of the bench. Then stiff wire is run across the bench at each side of the plant, and tied in position with string. Later another line of wire is stretched ten or twelve inches above the other, and across these string is carried instead of wire. This same support is used for Armazindy and Triumph.

They find Jubilee a very profitable variety, though it is inclined to be a cropper, and they are often unable to get the crops in when they want them. But until a sort possessing the fine flower and stem of Jubilee without its faults comes along, that variety will stand pretty near at the head. There seems some tendency to rust but nothing serious as yet, and this is their third year's experience with the variety.

The soil they use is a sandy loam to which has been added a quantity of the clay soil they use for roses.

TORONTO.

Trade Review.

Weddings have been the order of the day since June came in, and they have helped considerably to work off the large quantity of blooms which has been coming in lately. Good carnations have been selling at 75 cents, but a great many are going at 60 cents. Peaonies are very plentiful, some very good varieties among them.

By the time this is published the bedding plant trade will be in its dying throes, and by that time, also, according to all accounts, most of the growers will be pretty well cleaned out. Much more has been done than before, but stocks were much larger also. The city is well decorated with window boxes and hanging baskets this year, and probably there will be a little more of this to do yet. Some very pretty boxes have been put up.

The Annual Exhibition.

The annual financial statements of the Gardeners' and Florists' Association and the Chrysanthemum Show of 1897, which were belated somewhere between New Year's and now, have been issued. The Chrysanthemum Show shows a deficit of $214 (viz.; cash from T. G. & F. A., $91.49, and 25 per cent of prizes donated by prize winners, $122.54). Will a ten-cent day make up this deficiency in next year's show? I believe it will, if the Pavilion is large enough to hold the crowd. The city council have donated $100 toward prizes for the school children's show and the Manufacturers' Association have promised a silver and a bronze medal.

Horticultural Society.

The show of flowers on the tables at the last meeting of the Horticultural Society was very fine, mostly hardy perennials, on which subject a most interesting paper was read by Mr. J. McP. Ross, the president. Among those things specially fine were a bunch of hardy pyrethrums, from Manton Bros., and some blooms of a magnificent strain of single petunias, by Geo. Mills, originating from the Giant of California, but improved by him for two or three years.

Notes.

I notice a great reduction in the number of carpet beds about the city this

year. They are no great loss, although there are places where they are appropriate. They were, however, overdone in former years—done to death, like every other fad.

W. W. Mann, of Guelph, was in town last week on his way home from a visit across the border. E.

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G. L. GRANT, EDITOR AND MANAGER.

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PHILADELPHIA.

The Market.

Business in cut flowers was decidedly lively last week. Now that the elder sisters are safely married, the pretty school girls are the center of attraction for the florist. The commencement exercises are upon us, calling for many tasty arrangements of flowers and sometimes of plants.

Prices of roses remain unchanged; good stock is eagerly sought. It is really surprising how many blooms are used. Carnations are in better demand at from 75 cents to $1 per 100. Some fine Scotts are coming in. Daybreak is yielding to the heat. It is difficult to keep spider down. McGowan is getting small as a rule.

Sweet peas are too plentiful, probably the only flower that is wasted in quantity. They bring from 25 to 40 cents a 100 when fresh and nice. Poor and stale blooms are sold as low as 4 cents a 100. Still a great many of them are sold.

Germantown Hort. Society.

The June meeting of the Germantown Horticultural Society was held in Association Hall on Monday evening. A good deal of excitement was caused by an error in the notices sent out, which announced that a collection of dahlias would be shown.

The Andorra Nurseries brought a very interesting collection of perennials, twenty-three varieties in all.

Albert Woltemate showed some good caladiums, among them Triumph de Exhibition, a rich, dark variety in which the colors green and red were charmingly blended.

The competition for best vase of sweet peas was between two brothers—McGowan—John, who is a gardener to Wm. Bayard, taking first, and Patrick, gardener for C. J. Wister, taking second.

Roses grown in open air, six varieties, first, John Holmes, gardener to Mrs. J. S. Lovering; second, Frank Smith, gardener to the Misses Nixon. Miss E. R. Johnson and C. J. Wister were each awarded a first premium on strawberries; two varieties, one dish each.

The exhibition committee reported progress on a show to be held in November.

After discussing the exhibits and listening to short descriptions from Messrs. Redles and Jellett, the meeting adjourned, to meet again on the second Monday in September.

A Novelty.

While going up the street a day or two ago I was attracted by a crowd in front of a prominent seed store. The crowd was gathered around a pan of what appeared to be beans, bearing this legend: "We sell beans of every known variety. These are 'Jumping Beans'—5 cents each, 6 for 25 cents."

They certainly did hop about in the pan. I touched it gingerly, but no sign of heat or electricity could be found.

Inquiry inside disclosed the fact that the "beans" had come from an enterprising dealer in novelties who was said to have brought them from Mexico. The seed firm had sold 150 of the beans in two days. It was not stated whether the purchasers expected to get bean stalks from the seed, but it was thought the jumping was due to the spasmodic efforts to escape made by an imprisoned worm.

Notes.

John Westcott has returned from a fishing trip.

The Pennsylvania Horticultural Society's meeting ought to bring out a great display of sweet peas.

The man who wants a few plants to fill out a bed is closely followed now by the man who wants a few roses to fill out a bench.

Much discussion is going on as to which paper is the best advertising medium. The Review is the best, of course, but second place is hard to determine. J. W. Y.

NEW YORK.

In the Wholesale District.

"Masterly inactivity" rules the street, and a general feeling of lassitude pervades the market. Summer and attending dullness are here in fact, and to see the craftsmen studying steamship routes and summer resorts is no uncommon occurrence. "We are getting tired of doing nothing and shall be glad when the season reopens," is often heard. The past season has been comparatively good. American Beauties being the worst sufferers, perhaps, and general bulb stock, outside of Lily of the Valley.

Roses are growing beautifully less each week, and less beautiful, also, and it is getting difficult to find any real good stock free from mildew. Carnations are selling as low as $2 per 1,000, and there are quantities of them, too. Jacks and outdoor roses are letting up a little, but the glut of outside stock continues to increase, and with variety, also. A few outdoor sweet peas are to be seen. There are more than enough, however, under glass to go around at this writing. A good deal of herbaceous stock is to be seen, the Coreopsis lanceolata being the most startling. Prices are very poor, however, in this line. Lilium longiflorum sell as low as $1.25 per 100 flowers, and sell slowly at that.

There are rumors that a florists' supply house is about to locate in the "district," but at this writing cannot confirm it.

American Institute.

At the regular monthly meeting of the horticultural section of the above last Wednesday, hardy flowers and strawberries were the attraction, and a very creditable exhibit resulted.

Mr. A. Herrington, Madison, exhibited his new seedling strawberry, Florham, and was awarded a certificate. W. A. Manda also received certificates for his Wichuraiana hybrids, Gardeniaflora, Jersey Beauty and Evergreen Gem.

Siebrecht & Son and John Lewis Childs also had collections of cut herbaceous and other flowers.

The Oasis Nursery Company also exhibited the new English strawberry, Royal Sovereign, and received the institute certificate.

A Dinner.

Last Thursday evening a party of friends sprung a surprise on Mr. Alfred Dimmock in the shape of an elab-

The New Store of W. W. Barnard & Co., Chicago.

orate dinner at St. Andrew's hotel, given in his behalf as a farewell courtesy on account of his genial manner and all-round good fellowship, he sailing for England on the following Saturday.

Covers were laid for ten. The table was handsomely decorated, and the following were among the party who were on hand to entertain the guest: Messrs. J. Roehrs, Henry Siebrecht, Jr., W. Plumb, J. P. Cleary, John Young, Charles Weathered and Harry A. Bunyard.

Mr. J. P. Cleary occupied the chair, and after the viands had been disposed of, impromptu song, music and speech concluded a very enjoyable evening.

Dressel's Sale.

The auction sale of Mr. F. Dressel's orchids, palms, etc., was a decided success from his standpoint, the prices realized being far in excess of anything anticipated, in some cases 10 to 20 per cent more than regular prices. Mr. J. P. Cleary wielded the hammer.

There were several florists from a distance, and the following gentlemen were among the largest buyers: A. I. Namm, Brooklyn; Conroy & Co., Fall River, Mass.; Robert Craig, Philadelphia; E. G. Hill & Co., Richmond, Ind.; J. Newman & Son, Boston; H. M. Cowles, Farmington, Conn.; Bloomendale Bros., New York City; C. H. Flemming, Bridgeport, Conn.; J. D. Sloan, Lenox, Mass.; Siebrecht & Son, Julius Roehrs, J. M. Keller, and others.

Notes.

Mr. Alfred Dimmock sailed Saturday per steamship Campania and will return again in the fall.

Visitors: E. G. Hill, Richmond, Ind.; Robert Craig, Philadelphia, Pa.; J. Newman, Boston; P. Conroy, Fall River, Mass.; J. Lovelace, Lenox, Mass.; C. H. Flemming, Bridgeport, Conn.

A PROGRESSIVE FIRM.

We present in this issue an exterior view of the new quarters of Messrs. W. W. Barnard & Co., Chicago, at 161 and 163 East Kinzie St. The building is 40 by 100 feet, and there are five floors and a basement. The six floors are connected by an electric elevator, and there is every facility for handling goods to the best advantage and at the least expense.

This firm has made remarkable progress during the last ten years, and is a living illustration of what can be done by careful attention to business details, shrewd buying and unfailing effort to give thorough satisfaction to buyers. "An old customer retained is better than a new customer secured" is evidently the motto of Mr. Barnard, and by keeping the old and adding new he has built up a business to be proud of. He has made quite a specialty of forcing bulbs for florists, and the business in this department has increased steadily from year to year. Florists' seeds, such as primula, calceolaria cineraria, pansy, etc., are also quite a specialty and they are now issuing a printed list of these. A unique feature added within the last year or so, is their purchasing department for Florists. They undertake to purchase for their customers any sort of merchandise to be had in Chicago, including pipe, glass, paint, hardware, tools, household goods, vehicles, etc., insuring them the closest jobbing prices on same.

Mr. W. W. Barnard entered the employ of the old seed firm of Hiram Sibley & Co., in 1879. The firm closed out its seed business here in 1889, and Mr. Barnard purchased the garden and flower seed department, continuing same in the stores at 6 and 8 North Clark street. In 1891 the new firm began to work up a wholesale trade with florists, in bulbs and other trade supplies, and this department increased so rapidly that in 1894 they added the store at 186 East Kinzie street. On May 1 last all departments were combined in the new building of which a front view appears in this issue.

Mr. Barnard is a quiet but genial gentleman, with whom it is a pleasure to do business, and he fully merits the success he has attained. Mr. Arnold Ringier has for many years represented the firm on the road, and his friends in the trade are legion.

BOSTON.

Review of the Market.

This week has been a decided improvement over last in the wholesale cut flower business, and the daily receipts have been well taken up at about the same prices. Our large rose growers are now busy throwing out old plants and planting young stock, so the quantity of roses coming in has been largely reduced, and the present quotations are about the usual summer figures in this market. Brides and Maids are held at from $4 to $6 per hundred, while Kaiserins and extra quality Maids sell readily at $1 per dozen, and $2 has been obtained for some exceedingly fine stock. Beauties are not running so good in quality, but still sell well at from $1 to $2 per dozen; strictly high grades out of the market. Out-of-door roses have begun to come along, and will in a few days probably affect the market for teas. Short-stemmed Jacks are sell-

ing for $2 per hundred, while a few elegant blooms brought as high as $1.50 per dozen.

Carnations are still a dead letter, with large quantities of very poor stock, handled mostly by the fakirs, whose cry of "Only a nickel a dozen" is heard on almost every street corner. Good stock is held at from 50 cents to $1, fancies selling for $3.

Valley is increasing in quantity; very popular for brides' bouquets; held at $3 to $4 per hundred. Lilies plenty at $6; paeonies selling well at from $2 to $4 per hundred. Odds and ends generally cleaned up daily. Sweet peas about the same as last week, with quality not so good.

The Plant Trade.

Another week will finish the plant trade around Boston, and with few exceptions it has been a disappointment to the grower, the volume of business done having fallen off fully one-third. Buyers are the ones who are making the prices, and it is now a case of taking the first offer.

The Saturday Exhibition.

The weekly exhibit of the Horticultural Society on Saturday was devoted mostly to paeonies, and the upper hall was a gorgeous sight. Nature has been very kind this year to lovers of hardy plants, and the blooms that have been shown could hardly be improved on. Paeonies were exhibited by Dr. G. C. Weld, T. C. Thurlow and Geo. Hollis, and were all magnificent blooms. Among other candidates for public favor were two excellent collections of foxgloves from John L. Gardner and Miss M. A. Walker, while W. N. Craig and others showed fine collections of rare seasonable varieties of hardy flowers. Among other exhibits, that of W. A. Manda, of blooms of his new type of roses, Jersey Beauty, Gardeniflora, Evergreen Gem, and an unnamed seedling of Meteor crossed with Wichuraiana, seemed to attract the most attention. Wm. Nicholson, of Framingham, exhibited some exceedingly fine blooms of carnations, Daybreaks, Mrs. Geo. M. Bradt and Eldorado, and pyrethrums were shown in excellent shape by Dr. Weld and Rea Bros.

Prizes were awarded as follows: The Kelway silver medal for Paeonia albiflora, collection of eighteen named varieties, to Dr. C. G. Weld, and second prize, a bronze medal, to T. C. Thurlow. Dr. C. G. Weld also captured first for vase of paeonies arranged for effect, and second on collection of doubles, named varieties; also securing both first and second on specimen blooms. T. C. Thurlow obtained first for collection of doubles; also first for collection of single varieties. Geo. Hollis got second for collection of singles, third for a collection of doubles, and second for vase arranged for effect. The Mt. Vernon Nursery Co. also showed a vase, obtaining third prize. John L. Gardner was awarded first on collection of foxgloves, with Miss M. A. Walker second. Oakes Ames was awarded a first-class certificate for a specimen plant of Cattleya Mendelli. Gratuities were given to James Comley for a magnificent display of seasonable flowers; Oakes Ames, G. L. Clark and Rea Bros. for hardy flowers; Mrs. E. M. Gill, for roses and paeonies; estate of J. S. Fay, for rhododendrons, and Rea Bros., for pyrethrums.

News Items.

Carbone is the successful bidder for the decorating and flowers at the Harvard college commencement, W. E. Doyle, who has had the work for the past five years, being his strongest competitor.

James T. Carroll, formerly with Jos. Breck & Sons, seedsmen, is now in the real estate business and is making a specialty of greenhouse property.

It is said that Pierson & Co., of Tarrytown, N. Y., will close up their Boston store during the summer months.

Our old associate, W. A. Manda, and his trusty salesman, Mr. McRorie, from Orange, N. J., paid the Hub a visit, exhibiting and introducing their rose novelties.

Tim Waters, of Galvin & Co., wholesalers, who lives in Charleston, entertained a company of Hub florists on Bunker Hill day. They all unexpectedly showed up for business the next day.

M. H. Norton, who has been confined to his home by illness, is much better and once more able to attend to business.

The annual rose and strawberry show will be held on Thursday and Friday, June 23 and 24, and bids fair to excel all previous exhibitions. P.

BALTIMORE.

Trade Review.

Trade is quite up to the average and all one can expect at this season. June weddings and commencements have been the retailer's chief supports. Stuff is quite plentiful with the exception of roses, which are somewhat poor. Sweet peas and carnations are a glut. Poppies are in and are quite a go. Some of the stems are exceptionally fine this year. Plant trade is about over. The market people are very much dissatisfied with trade results this season, as the bad weather in the spring gave them a set back from which they have not recovered.

Gardeners Club.

At the last regular meeting of the Gardeners' Club, Mr. Isaac H. Moss, of Govanstown, addressed the assembly on the subject of outdoor roses. After giving in detail the proper treatment and culture of this general class, he named the following twelve special varieties which he considers the best and which give the most satisfaction: Maman Cochet, White Cochet, Safrano, Hermosa, Jacqueminot, Kaiserin Augusta Victoria, Papa Gontier, Clothilde Soupert, Queen's Scarlet, La France, Meteor, Souv de la Malmaison. The subject was then placed before the club for discussion and several valuable acquisitions were added to the list. Mr. Kress named Etoile de Lyon; Mr. Patterson thought the Marie Van Houtte also worthy of a place. Mr. Pentland gave quite an interesting list of old varieties of the class of Triomphe du Luxembourg, which at the present time are seldom seen.

Notes.

Plant auction sales have been quite in evidence this month, with a demoralizing effect upon the public. Bedding stuff was fairly given away, and in many cases did not bring the cost of the pots. Twelve cents a dozen for geraniums in 4-inch pots is a fair sample. In striking contrast another auction of a different class took place on the 16th and 17th inst. Messrs. Kushibiki and Arai, of Tokyo, Japan, sold a large collection of several hundred artistically and curiously trained Japanese floral and arboreal plants. As many of these were dwarf specimens and very old plants they brought from $5 to $75 each.

Mr. Jas. Rodgers has closed his wholesale place on Park avenue during the summer months.

Seed trade has been quite brisk this season, but is now about over.

The writer a few days ago was asked by a dusky customer for a five-cent package of "excursion seed," but as he failed to find that variety among the long list of annuals, was compelled to suggest nasturtium, which amendment was gratefully accepted.

In the interest of Vaughan's seeds Mr. Burt Eddy has again visited our city en route south.

Mr. Peter C. Erdman, of Harford Road, has lately taken into partnership his brother, Mr. F. W. Erdman, who formerly was with Strauss & Co., Washington. The style of the firm is now Erdman Bros. They are building a new rose house, 26x108 feet, to be heated by a modern hot water boiler.

Messrs. Montgomery Bros., who for several years have had Mr. John Davis's place on Erdman avenue, have dissolved partnership and are out of the business. C. F. F.

CHICAGO.

The Market.

There is practically no change from last week. There is an abundance of all stock except in good roses, and of roses there is plenty of low grade stock, though even this is shortening some now, as many of the growers have replanted their benches for another season's work. For good tea roses the price is from $3 to $4 and on poor stuff the range runs down to zero. For carnations the price ranges from 40 cents to $1.25 per 100, with the bulk of the sales closer to the lower figure. There is an immense supply of under grade stock, the returns for which can hardly pay for the picking. Sweet peas are arriving in great quantities and the best stock brings $1 per dozen bunches.

Among the Growers.

The additional houses now being built at the establishment of Wietor Bros., at Rogers Park, will give them a total of about 160,000 feet of glass. Six of the new houses are 27 by 250 feet and are remarkable for their height, which is 14 feet to the ridge, and 7 feet clear under the gutters. These houses are long-span-to-the-south, joined together, each one being six inches lower than the other, the land sloping gently to the south. There are no dividing walls and no corridor house is necessary as the gutters are high enough to clear the head of a tall man. There are four benches to each house. These houses are all planted with American Beauties, and the height of the roof is given to assure plenty of room for the long stems that are now so essential.

Back of these houses were four others that were 23x120 and of the short-span-to-south style. These have been lengthened so as to make them 23x250, but they do not like this style of construction, as the north bench does not do nearly so well as the others. In future they will build with the long span to the south.

There are now in course of construction four houses, each 23x250, for carnations.

In conversation with the foreman, Mr. L. Collins, we learned that for the coming season they will cut from 40,000 plants of Beauties, 5,000 Meteors, 4,500 Maids, 3,000 Brides and 1,200 Perles. In carnations they will grow 6,000 to 8,000 each of Triumph and Armazindy, 4,000 McGowan, 3,000 Jubilee, 2,000 Flora Hill and 500 Evelina.

They have a well appointed packing room, and there is a cooling room 16x24, with space above to hold 50 tons of ice.

At Morton Grove, Poehlmann Bros. have a number of their rose houses already replanted and the work of replanting the others is rapidly progressing. For the coming season they will have four houses of Beauties, four of Maids, three of Brides, three of Meteors and one each of Perles and La France. Most of their rose houses are of the short-span-to-south style, with two benches and three walks, and Mr. John Nelson, the foreman, says this style of house is very satisfactory. In carnations they grow Daybreak most largely, Scott coming next and Tidal Wave third in quantity. They will also grow a small number each of Armazindy, Jubilee, Flora Hill and Harrison's White.

They have a lot of chrysanthemums for the coming season, including 2,000 Lady Fitzwigram, 2,500 Glory of the Pacific, 1,500 each of Mrs. S. T. Murdock and H. W. Rieman, 1,200 each of Robinson and Bonnaffon (these two sorts will be grown three flowers to a plant), 1,000 each of Ivory and Golden Trophy, 800 M. M. Johnson, 700 Morel and 500 each of Bergman, Woodford, Maud Adams, Marion Henderson and Mrs. Perrin. There will evidently be no shortage of chrysanthemums at this establishment.

They will also grow seven houses of violets, and a house of mignonette. In bulb stuff they will force 100,000 each of valley and tulips, 6,000 Harrisii and 2,000 longiflorum. In roses they have dropped the Kaiserin, which paid all right in the summer, but which didn't amount to much in winter.

Geo. Harrer is rebuilding five of his houses and has built two new ones, each 25x100.

At Niles Center, Jacob Meyer will this season have three houses of Perles and one each of Beauties and Brides. In carnations he will have two houses about equally divided between Scott and Tidal Wave. He will also have three houses of violets.

F. Stielow is one of the old time growers at Niles Center and is still one of the largest. He is now rebuilding seven of his houses with the Garland cast iron gutter construction (illustrated in our issue of June 9), with which he is very favorably impressed. Of roses he will the coming season have four houses of Brides, three of Maids and two of Meteors. His rose soil is a compost of pure clay and manure. The clay is the simon pure article, such as bricks are made of, and each year he digs a deeper layer from the pit. This is piled up in layers with a generous amount of manure between each, and he says it gives him much better satisfaction than the top soil he formerly used and which was apt to become sour. The clay seems very friable when only moderately moist, and of course the proportion of manure is large. The manure is that obtained from the city and in which shavings is mixed, but he reports no trouble from fungus. His rose benches are solid earth, over which 3-inch tiles have been placed close together, the tiles running to the walks. On these the rose soil is placed and there is an edge board. He is very much taken with this style of bench and will have no other in future.

In carnations he will the coming season grow 5,000 Scott, 4,000 McGowan, 2,000 each of Alaska, Daybreak and Buttercup, 1,000 Tidal Wave and a few each of Firefly, Flora Hill, Evelina, White Cloud, Gold Nugget, Pingree and Eldorado. Buttercup still does well with him and he has as yet found no yellow to take its place, though he has hopes of some of the yellows he is trying.

Adam Harrer is putting in a house of chrysanthemums, all Robinson and Whilldin. He expects to get the crop out of the way by November 10 or earlier and will then plant the house with carnations, the carnation plants having been grown on in pots till that time. He don't expect to get as many carnations from the house as if the plants were benched earlier, but believes the chrysanthemum crop will far overbalance what he loses in that way. Of roses he will have three houses, about equally divided between Brides and Maids. Of carnations he will have a house each of McGowan, Scott, Daybreak and Tidal Wave. He is trying Genesee and Evelina. He has a bench of longiflorum lilies now in bloom and says the flowers sell better now than a few weeks ago. He will also have a house of violets, and will rebuild one of his houses this summer.

L. Lindenberg grows mostly roses, and for the coming season he will have 1,500 plants each of Bride, Maid and Perle. He will also have a house of mignonette, and he grows a quantity of pot plants.

Peter Blameuser is planting a house of chrysanthemums, half Robinson and half Whilldin. These will be followed by lilies. In roses he will have two houses of Maids and one of Brides. He will have two houses of carnations, divided between Scott, Daybreak and McGowan. He will also grow 1,500 violets, part Marie Louise and part California. In bulb stuff he will force 30,000 La Reine tulips and 1,000 Romans.

Edward Blameuser starts in for himself this season with six houses, of which four will be planted to violets and two to carnations. He will also grow a house of chrysanthemums, including Bonnaffon, Henderson, Whilldin, Robinson and Merry Monarch.

Chas. Schweigert will have in roses 1,200 Brides and 1,600 Maids. He has a house of Kaiserin that was planted early for summer flowers and it looks well. He will have 1,200 plants of violets, half Marie Louise and half Farquhar. He is very favorably impressed with Farquhar. Of lilies he will force 1,200 bulbs, of which 200 will be Harrisii and 1,000 longiflorum. Last season fully one-third of his Harrisii were diseased and he don't want to take such chances again. He has some short-span-to-the-south houses and does not like them so well as the old style. He has a total of about 14,000 feet of glass.

Bowling.

Following are the scores and averages made at the alleys last Friday evening:

	1st.	2nd.	3d.	4th.	5th.	Av.
E. F. Winterson	192	167	125	169	120	154
G. L. Grant	146	161	158	129	...	148
P. J. Hauswirth	129	144	164	139	...	146
J. Degnan	133	194	134	122	130	142
J. S. Wilson	123	129	144	154	140	138
Robt. Schenk	116	145	...	...	...	130
C. Balluff	139	114	135	...	...	129
G. Stollery	126	104	101	178	125	126
C. Hughes	114	134	111	...	...	119
A. McAdams	121	117	105	...	...	114
C. S. Stewart	124	102	...	...	...	113
A. Henderson	131	131	107	86	81	107
F. Stollery	94	68	116	118	113	101
C. Pruner	59	86	...	...	...	72

Various Items.

The rose garden at Jackson Park has been a blaze of beauty the past week. We question whether such a splendid show of outdoor roses was ever before seen in this city. Last Sunday the garden was visited by immense throngs and it was at times difficult to get around among the beds. Mr. Kanst is to be warmly congratulated on the success of his rose display this year.

The beds of Paul Neyron, Anna de Diesbach, Mrs. John Laing and Gen. Jacqueminot were especially fine and indicate that these are the bedding

roses par excellence, for this section at least. Magna Charta and Marshall P. Wilder were also excellent, and the old Mme. Plantier was splendid, as usual. Merveille de Lyon was in good bloom, but the plants seem to have made little if any growth since they were planted in 1893. Jeannie Dickson was also disappointing as to growth. The standard roses have all disappeared and the beds are now filled with those of bush form. That good outdoor roses can be had in Chicago is well demonstrated by this rose garden. The beds are all mulched with clippings from the lawn.

Mr. O. P. Bassett will soon start on a summer trip and will probably not return till September.

Mr. E. H. Hunt has gone to West Baden, Ind., to discover the attraction which has made this resort a sort of headquarters for florists.

The rhododendrons at Lincoln Park are now in splendid bloom. These are the large plants in tubs which are carried over winter in a cool greenhouse.

Friedman & Allen have sued the managers of the last horse show for a balance of $170. The claim is for extra decorations supplied over and above those called for in the contract, which was for $2,500.

Bassett & Washburn have built in their store a cooling room 10x12 feet and 7 feet clear inside, which is a decided improvement and enables them to handle their large cut to excellent advantage. The chamber carries a ton of ice, and this quantity will keep the room cool for a week, so they consider it more economical than ice boxes. They are now cutting from 5,000 to 8,000 roses a day in addition to other stock.

Vaughan, McKellar & Winterson are rapidly developing their business in forcing bulbs and will soon issue a special bulb catalogue. Mr. Lloyd Vaughan reports also large orders for azaleas this season. A feature at their place just now is a large display of florists' baskets, a sample basket or nest of same of each style they carry being laid out on counters where they can be examined at leisure by every visitor. They report heavy orders for calla bulbs, probably partially due to the dropping of the Harrisii by florists, whose experience with that lily has been unpleasant of late.

Kennicott Bros. Co. are receiving some bachelor buttons with stems 18 inches long and flowers twice the usual size. They are also receiving a fine lot of longiflorum lilies that sell at $5 and $6 per 100.

E. C. Amling announces that from July 5th to September 5th, or till notice to the contrary, his store will close at 5:30 p. m. Manager Heffron says: "We greatly desire to get home for a short time each day this summer in order to get acquainted with our families." It is hoped that the other wholesalers will take similar action. Mr. Heffron reports very satisfactory sale of large quantities of campanulas that are coming in.

S. B. Winter is having a private office fitted up, with paper on the wall, cigars in the desk, rugs on the floor and other home comforts.

S. Pieser, of the Pieser Floral Co., had the order for the wedding of Senator Mason's son at Waukegan Wednesday. All pink flowers were used in the decorations. The bride's bouquet was of valley, while the bridesmaids carried American Beauties.

P. J. Hauswirth made a very pretty buffet table center piece recently, pyramidal in form, with paeonies below and long stemmed lychnis above. The effect of the lychnis was very pretty and graceful.

C. H. Fisk has a very pretty window display, almost wholly of hardy flowers, such as delphiniums, coreopsis, campanulas, etc. He finds a very fair sale for this class of flowers and says they seem to give excellent satisfaction to customers.

J. A. Budlong continues his little century runs on the bicycle and recently made a run of 112 miles in one day, simply for recreation and to keep his hand (or feet) in.

Mr. N. J. Kraft, Rockford, Ill., was a recent visitor.

ST. LOUIS.

The Market.

Trade in the cut flower line was a little better the past week, owing to a large number of school commencements and weddings, but the work was mostly done by the west end florists.

Red roses were in demand, Meteors and Beauties having the call, but were scarce, that is, good first class stock. The best Meteors sold at $5 and $6 while Beauties brought $3 and $4 per dozen. The poorer stock in roses is now bringing $2 and $3, and not over plentiful.

Carnations also sold well the past week, especially white and pink. All cheaper flowers such as asters, sweet peas, coreopsis, cornflowers, alyssum and candytuft continue very plentiful, and sell slowly. Sweet peas are the most plentiful of all flowers just now; price low, 15 cents per 100.

Planting is about over and the growers claim they sold out nearly all the best stock, but at cheap prices. Stock in general sold better than they expected.

Committee on Picnic.

The committee on picnic held a meeting Friday morning, at Jordan's store, and decided to hold same at Belleville, some time during the first part of July. The usual events will take place, such as shooting, sprinting, jumping, walking match, sack race, quoits, bowling, and a base ball game. The Belleville boys promise to take good care of us and will do everything in their power to make us all go home happy.

The only thing to be done now is for the florists at large to make up their minds to support the committee and help them all they can, in order to make the affair a great success. It can be done and all they need to do is to let business take care of itself one day, and not make the usual excuse, "I was two busy."

For information in regard to picnic, address John W. Kunz, 822 Olive St.

Notes.

J. E. Killen, representing C. H. Joosten, New York, was in the city last week selling bulbs, roses, and azaleas. Mr. Killen reports business good in his line.

The chairman of the chrysanthemum show committee, reports that news in regard to show matters is a little scarce just now. A few special prizes come in every day or so and all new subscribers and a great many of the old ones are still to be heard from.

The next meeting of the club will be entirely taken up with convention matters, and nomination of officers. A number of candidates are now in the field for president. This will make the July meeting very interesting and will no doubt bring out a very large attendance. President Halstedt has requested me to say that he expects every member of the club to attend this meeting.

Any florist who has an intention of going to Omaha to attend the convention will do well by seeing or writing the chairman, J. W. Kunz of the transportation committee, before the next regular meeting of the club, July 11, at 3 p. m.

The Florists' Bowling Club rolled its usual three games Monday night. The proprietor of our old alleys transformed them into regulation size, 42 inches wide, and the pins are 12 inches apart, and, as will be seen by the scores below, it is more difficult to roll on. Some of our best bowlers made poor scores, but the boys think that it will be overcome by the time they go to Omaha. Mr. Kunz brought "Little Egypt" with him for a mascot, but with poor success. Here are the scores:

	1	2	3	Total.
J. J. Beneke	187	150	224	561
C. A. Kuehn	214	179	129	522
F. C. Weber	162	127	171	460
Dr. Helwig	177	140	107	424
John Kunz	128	148	148	424
Emil Schray	133	135	144	412
John Young	159	100	147	406
C. C. Sanders	125	126	142	393
Carl Beyer	145	116	97	358
F. Fillmore	111	112	106	329

J. J. B.

PITTSBURG.

Mr. Joseph Spring, assistant superintendent of Schenley park, has handed in his resignation and will hereafter be found at Charlotteville, Va., where he has purchased land and will go into business on his own account. Mr. Spring was well liked by the craft here and his leaving is a cause for regret, though all wish him success in his new field.

LONDON, ONT. — J. Gammage & Sons report a splendid season for bedding stock, demand exceeding supply.

WANT ADVERTISEMENTS.

WANTED—At once, a good man for small ferns and pot plants. H. Schau, Box 251, Morgan Park, Ill.

WANTED—At once, an honest, industrious, sober man (single), who understands the growing of roses; a permanent place for the right man. Address, Michigan, care Florists' Review, Chicago.

SITUATION WANTED—Young man, seven years experience in large establishmeot where cut flowers are grown for the Chicago market, wishes a change in order to acquire more knowledge; east preferred; good references. Address K. N., care Florists' Review.

FOR SALE—First class florists' store in Chicago. Excellent trade, established fifteen years. Owner desires to devote his whole time to other business. An unusual opportunity. Address Max, care of Florists' Review.

FOR SALE—Six greenhouses, about 14,000 feet of glass; well stocked; wholesale and retail town of 4,000; no competition; less than 100 miles from Chicago; two railroads; good seed trade. For particulars address A., care Florists' Review.

SITUATION WANTED—By practical florist, as foreman. First class grower and propagator of ferns, violets, 'mums, etc. Age 36, married, near New York preferred Address H., care Florists' Review.

FOR SALE—Greenhouses in one of the best cities in Eastern Illinois. Three houses, 3,700 feet glass, doing a good paying business, city water, telephone, and within three blocks of court house. No competition. Immediate possession given. Address H. D., care of Florists' Review.

SITUATION WANTED—As propagator of general greenhouse stock, by a florist that is a good worker and strictly temperate. Good references. Address F. A., care Florists' Review.

FOR SALE—Four greenhouses, nearly new. Splendid retail stand in residence district on paved street leading to cemetery. Easy terms. Must retire on account of health. A. Claus, 501 N. 4th St., Springfield, Ill.

SITUATION WANTED—By expert grower of plants and cut flowers. Competent in every department. Seeks a situation where he may have a chance to make his services worth more than in his present place. Can surely advance his employer's interests if given suitable opportunity. Address S. D., care Florists' Review, Chicago.

SITUATION WANTED—By a thoroughly practical florist and gardener; 15 years experience in growing tropical plants, cut flowers and general stock; also a first-class maker up and decorator; single. Address, B. C., care Florists' Review.

FOR SALE OR RENT—Six greenhouses (6,000 feet of glass), all in good condition; all modern improvements; located in one of the principal cities of Southern Wisconsin, with 20,000 population; but little competition. Address, Wisconsin Bargain, care Florists' Review.

SITUATION WANTED—By practical florist; grower in all branches and an all-round man; 48 years old, married; would like work at once, or by fall; best of references. Address, M. D. S., care J. J. Beneke, 1222 Olive Street, St. Louis, Mo.

SITUATION WANTED—By an A 1 grower of general greenhouse stock; 20 years experience; best of reference; single. Dick, care Florists' Review.

SITUATION WANTED—As foreman with reliable firm, Roses, chrysanthemums, violets, etc. First class references. Address Ribes, care Florists' Review.

FOR SALE—First class retail stand, about 5,000 feet of glass, new. Has never produced less than $1,300 per year, net. Will require $1,000 cash; balance, time at 6 per cent. Reason of selling, failing health. Address Illinois, care Florists' Review.

50,000 Extra Strong Smilax Plants

Out of 2½-in. pots, **$1.25** per 100; **$10** per 1000. Cash with order. Address

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Rose Plants!

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	Per 100	Per 1000
AMERICAN BEAUTIES	$5.00	$45.00
METEORS	3.00	25.00
BRIDES	3.00	25.00
MAIDS	3.00	25.00
PERLES	3.00	25.00

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As good as can be grown. We have the following Rose Plants, the same as we have planted in our own houses, still on hand for sale. We guarantee them to be first class in every respect.

7,000	AMERICAN BEAUTIES,	2½-in. pots, at	$5.00	per 100.
600	KAISERINS	3-in. "	5.00	"
600	KAISERINS	2½-in. "	3.00	"
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400	PRESIDENT CARNOT	2½-in. "	3.00	"

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Fine Rose Stock For Planting.

Out of 3-in. Pots

Meteors, Brides, Vic. Kaiserins, Belle Siebrecht, Beauties. Maids, Perles,

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Such as Alternanthera, rosea and aurea; Ageratum, blue and white; Coleus, 2-in. pots; Geraniums, white, scarlet, dark red; Rose Geraniums and Salleroi; Salvia Splendens, Heliotrope, Fuchsias, Feverfew, Lantanas, Calendulas, in bloom, 2½-in. pots; Lobelias, Petunias, single and double; Cigars; Mesembryantheum (wax plants); Sweet Alyssum, double; Verbenas, 2-in. pots. All the above in 2 and 2½-in., at **$2.00** per 100; 3½ and 4-in. pots, **$5.00** per 100. My stock is good and healthy.

K. E. JUUL,
Cor. Chestnut and Walnut Sts., ELIZABETH, N. J.

LOUISVILLE, KY.

The rush of commencements being over, the boys anticipate a quiet time this week. Considerable interest is being taken in the coming picnic of the Kentucky Society of Florists. The florists seem practically unanimous about closing their places of business on that day. We heartily indorse this movement, as it gives employer and employee alike opportunity for a much needed rest.

F. Haupt's store is arranged as tastefully as ever. An attractive feature now is a display of American Beauty and Meteor roses.

F. Walker & Co. have a showy collection of palms and ferns which make their new windows very attractive.

The Louisville Florists' Supply and Exchange are established in their new quarters at 520 West Jefferson street.

LOUIS.

HUNT'S REVIEW OF THE CHICAGO MARKET.

The past week has seen a marked change, owing to shortening up of the supply and to an increased demand. Select stock is wanted from all quarters, with practically none in the market to meet it, hence ordinary stock is meeting with ready sale. Of the teas, Meteors seem to be in less supply than Brides and Maids.

Once more Beauties are Beauties, and anything that has fairly good flower is caught up at once.

After this week business will shorten up and growers will throw out the balance of their stock and finish planting.

Carnations are coming into the market poorer, and good stock for shipping is in less supply.

Local trade seems to be better and prices ranging higher. Callas, Harrisii and sweet peas are meeting with a fair demand.

Chicago, June 20, 1898.

URBANA, ILL.—Prof. Joseph C. Blair, assistant instructor in horticulture at the state university, and horticulturist in charge of the experimental station here, was married June 16, the bride being Miss Sada Van Horne, of Freeport, Ill.

BENTON HARBOR, MICH.—S. F. Heath, the pioneer nurseryman, died June 14, aged 80 years. Mr. Heath came here nearly fifty years ago and was among the first to establish fruit nurseries in this section.

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	Per 100	Per 1000
Lizzie McGowan	$1.00	$7.50

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		Per 100	Per 1000
AM. BEAUTIES	2½-in.,	$4 00	$35 00
"	3 -in.,	5 00	45 00
METEOR	2½-in.,	2 50	22 50
"	3 -in.,	3 50	30 00
BRIDE	2½-in.,	2 50	22 50
"	3 -in.,	3 50	30 00
BRIDESMAID	2½-in.,	$2 50	$20 00
"	3 -in.,	3 50	30 00
TESTOUT	2½-in.,	2 50	22 50
BELLE SIEBRECHT,	2½-in.,	2 50	22 50
PRES. CARNOT	2½-in.,	2 50	22 50
LA FRANCE	2½-in.,	2 50	20 00

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AMMONIA..... 5 per cent.
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Pure Dried Blood,

AMMONIA.....16 per cent.
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THE PALM SWINDLE.

We continue to hear reports of the operations of swindlers who give orders for palms to be delivered to certain well-known citizens and then succeed in getting the palms into their own possession upon one pretext or another. Last week the racket was worked in Syracuse, N. Y. Palms were ordered for a decoration at the residence of a leading physician. The man who ordered the plants met the delivery wagon near the house and requested that they be delivered in the back yard. He had previously secured permission from servants on the premises to leave some palms in the back yard for a short time, so no suspicion was excited. After the delivery wagon left the swindlers carried off the plants under their arms a few at a time and offered them for sale at ridiculously low prices. Only when the lady of the house was telephoned, asking when she wished the palms removed, did the swindle become known.

We hear of quite a number of cases of this sort from widely separated cities, and it would seem that the scheme is epidemic among the crooked gentry. Florists should be thoroughly on their guard.

A FINANCIAL STATEMENT.

We have received a printed copy of the yearly financial statement of the Toronto Gardeners' and Florists' Association, in which appears a detailed statement of all the receipts and expenditures on account of the annual exhibition, as well as other matters. It may cost a little to have such a statement printed, but it is certainly an excellent plan, as it is a satisfaction to every one interested to know just what the money was expended for. We commend this statement to the officers of other clubs. Mr. E. H. Carter is secretary of the Toronto Club and we have no doubt he would willingly mail a copy to brother secretaries.

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Fimbriata, single, white	50c
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" " kermesina splendens	50c
" " mixed	50c
Double, white	50c
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" mixed	50c
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Our Cineraria seed is known among those who grow the finest plants.	
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Strong Plants from	2½-in. pots,	$1.50	a doz.;	$10.00	a 100
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ALLEGHENY CITY, PA.

William Hamilton, superintendent of the bureau of parks, is getting the parks under his care in shape for the reception of the Knights Templars. In West park, near the conservatory, he has had planted a number of Masonic designs. One of especially fine workmanship is a bust of a Knight in full armor, which is made principally of echeverias, and which required over 8,000 plants to complete the design.

Another design of especial workmanship is a representation of the banner of Allegheny commandery No. 35. It bears the motto of the commandery: "In hoc signo vinces." The design is made of echeverias and alternantheras.

Another design is that of the Keystone on which is a musical scale showing the notes c, e, g, c, which represents harmony. This is Supt. Hamilton's own design and one he is very proud of.

Another design is that of the compass and square, and another is that of a double triangle in the form of a 6-pointed star.

KNOXVILLE, TENN.

Thomas P. Crouch, oldest son of Charles P. Crouch, the florist, died June 14, aged 23 years. Mr. Crouch was a brilliant musician and had acquired more than local fame. The local papers speak feelingly of the loss the city has sustained and pay a beautiful tribute to his genius and his character as a man. A widow and two children survive him. The brother florists of Knoxville sent numerous floral offerings to the funeral and sympathy for the parents of the young man is universal.

AUBURN, N. Y.—On June 11, a heavy hail storm caused the florists serious losses. The heaviest losers were A. Patrick, Carl Armbruster, J. Elletson, Jacob Wride, Jas. Morgan and Hick & Son. It is said that Mr. Patrick's loss will alone reach $6,000.

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All the above delivered prepaid. For separate colors, and other Florists' Seed, send for advance trade list.

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SMILAX, 2-in., $1.00 per 100.

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WANTED 500 Maids, 600 Brides, 200 Perles, 200 Beauties, 200 Meteor, 200 Belle Siebrecht, 2½-inch pots.

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READY FOR IMMEDIATE PLANTING.

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3-inch pots, $8.00 per 100; 4-inch pots, $12.00 per 100.

METEOR, BRIDESMAID, GONTIER, SUNSET, BON SILENE, MERMET
PERLE, KAISERIN, BELLE SIEBRECHT, MME. HOSTE, NIPHETOS, BRIDE,
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ELMIRA, N. Y.

The Elmira Horticultural Society was organized in February, 1898, and is a strong and healthy infant. Regular meetings have been held on the second Monday evening of each month, and lectures and papers on horticultural subjects by the members have been presented, and the question box made an important part of the program each meeting. Prof. L. H. Bailey, of Cornell University, addressed an open meeting of the Society early in April, on lawn making and adornment, and aroused considerable interest in those matters.

The first exhibition of the society, was held June 16th and 17th in the Y. M. C. A. rooms, and was a decided success. The premiums were not very large, and were offered for roses (collections and single specimens), and for paeonies, pansies, wild flowers, etc., and for strawberries. The quantity and quality of exhibits was very gratifying for the first attempt at a flower show in Elmira. The largest exhibitors of roses were Rev. E. M. Mills, who grows over a hundred of the finest varieties of hardy roses; Hon. J. S. Fassett, and Hon. H. H. Rockwell. There were many small exhibitors with from one to a dozen blooms, and each found a place. The commercial growers were not allowed to compete. Judging from the number of people taking notes of the choice varieties of roses it may be said that the society has struck a popular chord, and that rose growing will be greatly increased in this vicinity in the near future. People came from towns thirty and fifty miles away to see the show. The flowers were neatly arranged in uniform glasses on tables covered with white cloth. The rooms were further adorned with palms and flowers from Rawson's and Hoffman's establishments.

It is the purpose of the society to hold a sweet pea show early in August, at which it is also hoped to have displays of asters and gladioli. The interest in growing these flowers has greatly increased in this part of the state within a few years, and there are several growers who have a hundred varieties or more of sweet peas. If most of these will come out with their best flowers, the show will be a great event.

The society may also attempt a chrysanthemum show in November. The officers of the society are Pres., Rev. E. M. Mills; Vice-Pres., H. N. Hoffman; Secy., R. R. Stockdale; Treas., Rev. Annio F. Eastman.

H. N. H.

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Pepper Plants 25 " " 2.00 "
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Tomato and Cabbage Plants 10c. per 100
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Extra Strong Pot-Grown Plants.

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CALADIUM ESCULENTUM Strong dormant bulbs, 9-12 in. in circumference, $6.00 per 100; strong plants, 6-in. pots, $12.00 per 100.

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We have also a fine lot of extra heavy
CRIMSON RAMBLERS in 5-in. pots, at $3.00 per doz.; extra heavy, 6-in. pots, with canes 3 to 4 ft. long, $5.00 per doz.

We have also a fine stock of
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ROCHESTER, N. Y.

Business for the past week was quite lively. Small decorations for wedding parties were numerous, and the general demand otherwise was ahead of last week, especially in funeral work. Good tea roses were a little scarce, though the deficiency was easily overcome because the market is flooded at present with all grades of H. P.'s, which retail at all prices from 15 to 75 cents per dozen.

Carnations are still very fair with most of our local growers, and very plentiful at times. Sweet peas are offered at $2.50 per 1,000 and retail at 60 to 75 cents per 100. Gladiolus have held their regular price for the last two months, and none too many are in the market.

The demand for out door or hardy flowers is far better this year than it was formerly, everything in this line goes, and often fancy prices are paid for some of the rarer things, which are offered only in limited quantities.

The weather continues dry but rather cool. We had a slight frost one night last week. Sweet pea flowers were damaged for that day. Plants in the field are beginning to suffer for want of moisture; for almost two months we had no rain, excepting two or three light sprinklings, barely enough to lay the dust for one day.

K.

MARQUETTE, MICH.—L. H. Stafford has engaged as foreman at his greenhouses Henry Youell, formerly of Syracuse, N. Y.

OSHKOSH, WIS. — The farm machinery, stock, etc., of the assigned wholesale seed firm of C. E. Angell & Co., was sold at public sale June 14.

DETROIT, MICH.—James Hogg, the gardener and florist, died June 10. He was born in Scotland in 1821, but had spent most of his life in America.

GENEVA, O.—Mr. A. T. Simmons, of the well known florist firm of W. P. Simmons & Co., has been appointed postmaster here and has assumed the position.

OTTUMWA, IA.—Ray, the 11-year-old son of Mr. and Mrs. F. M. Teeter, of the Teeter Floral Co., was accidentally drowned while bathing June 13. They have the sympathy of many friends in their sad bereavement.

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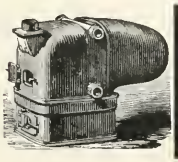

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AURORA, ILL.—M. R. Saunders has sold his greenhouses and business to Fred Smeley, formerly of Gibson City, Ill. Mr. Saunders says he will rest a year or two and will take a trip to Europe.

MUSKEGON, MICH.—The summer meeting of the Michigan State Horticultural Society, will be held here June 23 and 24.

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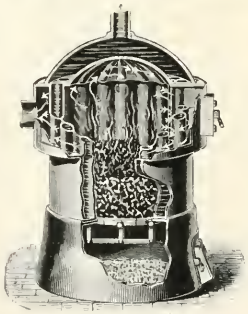

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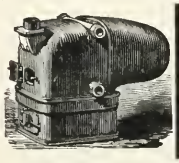

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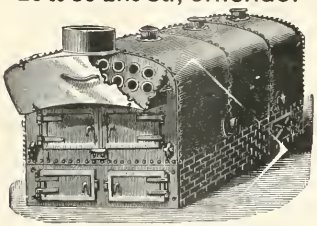

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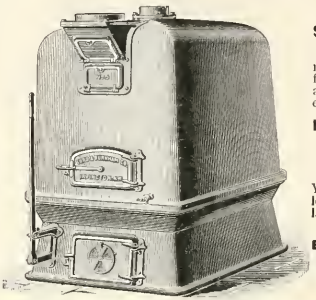

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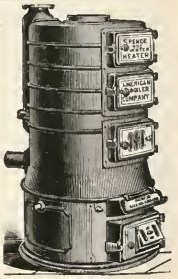

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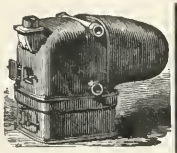

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THE WEEKLY FLORISTS' REVIEW

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Detail of Wedding Decoration arranged by W. J. Smyth, Chicago.

WEDDING DECORATION.

We present herewith an engraving from a very poor photograph of the decoration arranged by Mr. W. J. Smyth, Chicago, for the wedding of Postmaster Gordon last Thursday. The church was large and dark and the flashlight was not powerful enough to bring out details satisfactorily. A general idea can, however, be had from the picture.

A large number of palms and like decorative plants were used, and the floral effect at the top was produced mainly by the use of blooming hydrangeas in pots, most of them being laid on their sides. Occasional clusters of white paeonies were also used, a cluster being attached to each of the standard gas fixtures and tied with heavy bows of white ribbon. The font at the left was also filled with white paeonies, among finer white flowers and foliage. Only the central portion of the decoration is shown in the picture.

A separate engraving is given of the font, which was a very effective arrangement.

CHRYSANTHEMUM NOTES.

Specimen plants should have their last potting now, and while the soil for previous pottings has not been of so much importance, more care should be exercised this time. Every grower has his own particular compost, though it never seemed so necessary to us so long as it was a good sound rooting medium that would stand any amount of feeding and watering without getting sour. The mum is probably the most accommodating plant in cultivation for adapting itself to soils and environment, as proved by its doing equally well throughout the country in soils differing in texture very widely.

Potting should, however, be done carefully and firmly and some lumps of charcoal will be of great benefit to the pink varieties, their petals being always so predisposed to damp. The final pot should not be too large, due allowance, of course, being made for the size of the plant. A specimen looks better in a 9-inch pot than one larger, unless the plant is very large, and would be too much restricted. The finest specimens we ever saw were in

9 and 10-inch pots. Do not fill the pots too full of soil, as the plants will need enormous quantities of water in August and a good mulch of cow manure can be given then.

After potting stand the plants in a bench where the soil has been taken out and bank up all around the pots with coal ashes. This will help to keep them from drying out too much, and this is the point to watch above all others, because if they get dry on one or two occasions the points get hard and "stuck" and the plants never properly recover, always having a stunted appearance.

Single Stem Plants.

Plants in 2½-inch pots that it is proposed to grow in 6-inch should also be potted up now and placed in the same house with similar treatment as regards plunging. If they are stood outside in the hot drying winds it is almost impossible to keep them properly supplied with water, and water they must have above all things to retain the foliage. A plant with the foliage hanging over the pot is a pretty sight to the mum lover, but plants denuded of their leaves with the exception of a dozen or so around the flower are anything but beautiful. A good mulching of stems all round the plants will keep down the black fly.

Stock that has been planted outside to be lifted and potted in the fall should not be neglected. Stopping should be done when necessary and the soil frequently hoed to prevent evaporation. When the weather is dry the hose should be kept busy and the plants should be where they can receive a good syringing once a day.

C. TOTTY.

ROSE NOTES.

Bassett & Washburn, at Hinsdale, Ill., will this season cut bloom from 50,000 American Beauties, 20,000 Bridesmaids, 15,000 Brides, 15,000 Meteors, 7,500 Kaiserins and 2,000 Perles. They are trying 250 plants of the new pink rose, Mrs. Robt. Garrett, and this season's experience will determine its value to them. They are this year carrying over seven houses of Brides and Maids, but would not attempt this with Beauties, Meteors or Perles. One year they carried over some Beauties, replanting in fresh soil in another house, and while they produced plenty of good flowers they were sadly lacking in stem, which is such a consideration now-a-days. Meteors and Perles, when carried over, have with them produced flowers of inferior quality, including numerous bullheads, while young plants under similar cultural conditions gave very satisfactory flowers. They find, too, that it is not wise to give the Meteor and the Perle a very rich soil, as this develops a tendency to produce bullheads, and while the Beauty is a strong feeder, it also is inclined to produce bullheads if overfed, and they are careful to keep within the line of safety. They think it is the strong growth induced by the rich soil that results in bullheaded buds. Brides and Maids do not seem to be so subject to this tendency to produce malformed flowers.

They are trying 500 plants each of Maids, Brides and Kaiserins that have been grafted on the Manetti and the grafted plants have certainly made a better growth than those on their own roots. They are very favorably impressed with the conduct of the grafted plants thus far and if they do correspondingly well during the remainder of the season they will be exceedingly well satisfied with them. They are planted alongside of own root plants, so comparisons can be easily made during the season. Apparently the grafted Maids will begin to produce some little earlier than those on own roots. They not only grow faster, but throw bigger and stronger canes that promise fine blooms.

All their tea roses are now planted out on the benches with the exception of some Meteors. For planting out Mr. Bassett much prefers a 2-inch pot plant in good condition to one in a larger pot. If he could propagate all his roses late enough he would plant altogether out of 2-inch pots, but of course the earlier propagated plants have to be shifted on to keep them in condition. He would, however, a good deal rather the growth be made as nearly as possible all in the bench where the plant is to remain. He would propagate all his Beauties in April if he dared to put it off till that late.

In a house of Beauties planted the latter part of April the plants are now two to two and one-half feet tall, bushy and vigorous. From this house they will be cutting fine flowers by the middle of next month. So far they have grown all their Beauties on raised beds, but will this season try a house of them in solid beds. These beds will be four feet wide and will have five lines of 3-inch tiles running lengthwise through them.

Two houses of Meteors that were planted about last Easter are now in superb condition and are yielding excellent flowers. Mr. Bassett says the Meteor is decidedly the most profitable rose in the list, and as a money getter is way ahead of the Beauty. He adds: "If they would let me grow all the Meteors I would be satisfied to let them grow all the rest." In the Meteor houses the night temperature is never allowed to drop below 70 degrees. Other roses are kept at 56 to 58 degrees, except Perle, which is given 60 degrees. He does not now grow La France and Testout, but if he did would give them not less than 60 degrees. He has repeatedly noticed that the warm end of a house of La France or Testout was always the best end, and this applies also to the Perle. A house of Perles planted a year ago last April and never allowed to drop below 60 degrees has produced freely and continuously up to date and is still in fine condition.

The Kaiserin is here, as elsewhere, the white summer rose above all others. From some houses of superb plants they have been cutting flowers for a week or so and the great canes coming indicate a continuous and liberal supply of fine blooms. Last winter, after cutting all the flowers they could for Christmas from a house of Kaiserins, they dried off the plants and started them up again in February, allowing ten weeks to bring in a crop for Easter. The result was far beyond anticipations. They had an enormous Easter crop and had rather more white roses than they could use even at Easter.

They have dropped Pres. Carnot, except 25 grafted plants. They will try these few grafted plants and see if they produce more satisfactorily than the own root ones. If not, the Carnot will receive no more of their attention. They had a house last season and they got a few flowers in fall and spring, but practically none at all in winter. After cutting a few at Christmas they failed to find any more till March, when a very good crop was produced, but March roses are not so essential as winter ones.

The Testout has also been discarded, as it proved unprofitable. It produced flowers in fall and spring, but few could be discovered in winter, when they were wanted most. Siebrecht proved the freest and most continuous bloomer of any rose they have ever had, but alas, they couldn't get any stem on it, and a rose must have

Wedding Decoration arranged by W. J. Smyth, Chicago.

stem or be relegated to the rear, and that was the fate of Siebrecht here. The bud was much larger than that of the Maid and was a handsome flower, though lacking a little in doubleness. Morgan was tried, but they couldn't get any good-sized flowers or stems of any length. Whitney also was a disappointment, a beautiful rose, but it didn't produce freely enough to be profitable.

The only new rose they are now trying is Mr. Dorner's new pink seedling, of which he has sent them a few plants for preliminary trial. It has not yet been offered to the trade.

Trained against the veranda of Mr. Bassett's residence is a superb specimen of the Crimson Rambler rose that is now in magnificent bloom, and discounts the wildest catalogue engraving of this rose. The plant has been in its present position three years and reaches up about ten feet, with a breadth of about three feet. It is now literally a mass of flowers. But it didn't give promise of this beautiful result the first year. The first season after planting it was literally eaten up with mildew. It was nearly as bad the second year and Mr. Bassett came near pulling it out and throwing it away. Now he is glad he didn't and will plant a hedge of 100 plants next year. The demand for this rose for outside planting is bound to increase rapidly, as everyone who sees one of the plants in bloom wants one himself. It will pay everyone to work up a good stock of this superb hardy rose.

Mr. E. Buettner, Park Ridge, will this year grow 8,000 Beauties, 3,800 Maids and 1,200 Brides. He will grow only these three varieties this year. He has dropped Meteor. With him it did not grow vigorously enough and as a result he could not get stems of sufficient length. He has discarded Siebrecht. It produced freely and the flowers were all right, but he couldn't get sufficient stem on them.

He has made a number of experiments in feeding roses. He tried a combination of bone, blood and potash that gave very good results. Phosphoric acid alone had a good effect at first, but it did not last long. Potash alone had no appreciable effect. But potash and phosphoric acid together produced excellent and lasting results. He tried dried blood with disastrous results, its action being very peculiar. The soil became sour and full of fungus and though the foliage of the roses took on a beautiful dark green the roots almost entirely disappeared and the plants stood still. He tried Albert's horticultural manure, but it seemed really poisonous to the plants, which shed their foliage and soon died. He may have used it too strong, but he considers it dangerous stuff to have around.

Bone and wood ashes are the most expensive, but he believes they are the safest to use. Having noted warnings as to the danger of using bone too liberally, he experimented with some roses in pots to see how large a proportion of bone could be safely used. In one case he used a mixture of one-fourth bone and three-fourths soil and found even this large proportion perfectly safe. The growth was very luxurious. These plants were in 4-inch pots all summer and did finely, while other plants in pots became exhausted. In all his experiments he used raw soil from the field that contained no manure, and always planted other plants in the raw soil alone to enable comparisons to be made. The latter invariably remained stunted and became soon exhausted.

Phosphoric acid, potash and sulphate of ammonia in about equal proportions proved the best mixture for roses. This seemed to help both growth and bloom and gave the foliage a fine dark color.

ROSE SOIL.

I have rose soil that I think lacks some in fibre. The soil is clay where grass has not been growing for over two seasons. How would you treat this soil? E. R. G.

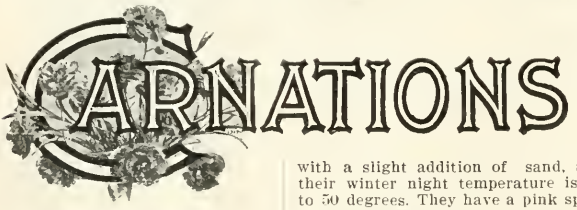
Since your correspondent does not state whether he intends using the soil for the immediate planting of his winter forcing roses or merely to prepare

it for future use, I will first consider the former proposition, against which I would strongly advise, as I consider it poor economy to use unprepared soil for the growing of roses intended for winter bloom. Better look about for something more suitable. Even if the first cost is a little more it will be cheaper in the end.

A rose soil should consist of three parts of good fibrous clay to one part of well rotted barnyard manure. It does not matter much whether it be horse or cow manure (though I prefer the latter) so long as it is well rotted. To this mixture may be added a quart of bone meal to each three bushels of soil. If you follow these suggestions and still do not succeed with your roses you may rest assured the fault is not with the soil. Charging failure to the soil is very frequent, and still those making the complaint often neglect to attend at the proper time to the work that is necessary to correct the trouble.

In the preparation of soil for future use the advantage of "green manuring" can hardly be overestimated. This may be done in the following manner: Give the land a good spreading of rotten barnyard manure, plow it under and harrow it several times over, until it is thoroughly pulverized; at this season of the year sow a crop of Indian corn (broadcast), run over the land once more with the harrow so as to cover the seed slightly. When the corn is 12 to 18 inches high plow it under and leave in this condition till September 1st. Now give another light top dressing of rotten barnyard manure, plow again and harrow thoroughly, and sow it down with "rye" for the winter. Early next spring when the rye is 6 to 8 inches high, plow it under and leave in this condition until you are ready to remove the soil to the greenhouse.

At first glance this may seem a great amount of work, but in reality it is much more economical than making large compost heaps which need to be turned by hand, involving considerable expense and hard work, without any added compensation in the final result. S. A. BAUR.



CARNATION NOTES.

Heim Bros., of Blue Island, Ill., grow nothing but carnations. They have quite an extensive range of glass including a carnation house which is 34x300, with a 27-foot span to the south, 4 feet to the plates at each side and 10 feet to the ridge. It contains five benches, of which two are three feet wide and three are 6 feet wide. This one house will carry 8,000 carnation plants for winter blooming. They now have 25,000 plants in the field and their stock includes 10,000 Daybreak, 4,000 Tidal Wave, 2,000 Ivory, 2,000 Jubilee, 1,000 Triumph, 500 Bradt and 400 Victor. They are very greatly pleased with Ivory and would grow many more this year if they had the plants. With them it has beaten all the other whites, blooming almost as freely as Daybreak and producing good flowers with satisfactory stems. They have dropped Annie Lonsdale as a winter bloomer, but still use it for summer flowers. With them Victor has taken the place of Scott. They find it as good a producer as Daybreak. Emma Wocher was a disappointment to them and they have dropped it. Flora Hill won't open the flowers satisfactorily with them. They are trying Evelina and Argyle this year. They use the black prairie soil with a slight addition of sand, and their winter night temperature is 45 to 50 degrees. They have a pink sport from Tidal Wave that is very promising and hope much from it.

All their carnations are grown in solid beds and they change only about five inches of the surface soil every other year, merely allowing the soil to dry out well before replanting in the alternate years. They heat by steam and like it better than hot water. The houses are piped in such a way that from two to ten pipes may be used as desired. This enables them to regulate the temperature to a nicety. They have their own switch from a railroad that passes the rear of their place, and a small track for a handcar runs from this direct to their boiler house. This greatly simplifies the handling of coal and manure.

They have two large beds planted outside for summer blooming, the varieties being Triumph, Daybreak, Wave and Annie Lonsdale. These plants have a mulch of coarse strawy manure and are already of good size. They will be staked as soon as large enough to need it and as soon as cold weather comes in the fall they will be covered at night with cheese cloth over a suitable framework thus prolonging the season of bloom. The mulch is a great assistance in keeping the flowers clean as well as supplying food. Their water comes from an artesian well that has never yet failed them. A windmill is kept pumping, but there is a steam pump ready to take up the work when the wind power is insufficient. They keep their flowers in a cool cellar and use no ice. They find that carnations which have been cooled by ice go to sleep quickly when taken away from the ice cooled room.

Last fall they had one house too late for carnations, so they planted it with campanulas. They secured a good crop and the flowers sold well, but they were not as profitable as carnations. The three brothers are all comparatively young men and watch every detail of the work on their place in person.

Mr. E. Buettner, Park Ridge, Ill., will this year grow 8,000 Scott, 8,000 Daybreak, 5,000 McGowan, 1,500 Flora Hill, 800 Jubilee, and a few hundred each of Alaska, Triumph and Emily Pierson.

With him Scott stands decidedly at the head. It will be hard to beat in his opinion. Its only fault is that from four to six weeks in spring, along about April, it makes a very heavy growth, during which period there is a lack of flowers, but an enormous crop follows later. Its winter growth seems different from that made in spring. He has heard complaint of Scott being liable to stem rot, but it has not appeared among his plants. Last year he lost about half of his McGowans from stem rot, but has lost very few from this cause this year. He thinks the trouble last year was due to overwatering and probably partly to too deep planting.

Daybreak does best in a cool house and in solid beds some distance from the glass. Under these conditions he gets splendid stems. He gives his Daybreaks a night temperature of 50 degrees, while Scott and other sorts have 55 degrees. Though Daybreak does so well in the cooler house, if grown as warm as the others it will be subject to all sorts of insects and diseases. He grows Alaska merely because he has one bench so close to the glass that it is unsuitable for the taller growing sorts. He likes Flora Hill and will grow it more largely another year. He grows his Jubilees as well as all other varieties in the field during the summer and sees no necessity for growing any of them under glass. He has noticed that Jubilee is much more apt to get rusty under glass than in the field. After being comparatively free all summer in the field the rust seems to develop as soon as the plants are housed. He is growing only a few hundred Triumph because the habit of growth is too straggling, though the flower is very beautiful. The handsome large flower has induced him to try it another year. Emily Pierson is with him a good scarlet in winter, but the color fades in the spring.

He has discarded Portia, though with reluctance. He was sorry to lose the color, but the flower was so small as

Klehm's Paeonies in Cold Storage.

to be now out of the question. He tried Harrison's White (said to be really Puritan) and has dropped it. In fall, it produced a good crop, but the flowers were only semi-double. In winter it stood almost dormant, but in spring produced another large crop, and curiously the flowers of the spring crop were remarkably double, being so full as to be almost as round as a ball. It was a healthy and good grower, but he is well convinced that it couldn't possibly have been a sport from Scott. Emma Wocher has also been dropped. The color was good, but the flowers were too single and too small in size.

In preparing his soil for carnations he adds wood ashes and bone meal as well as animal manure. But in making his compost pile he keeps the layers of wood, ashes and bones separate. If they came in contact the wood ashes would liberate the ammonia from the bone. He uses another hundred pounds of bone meal to each house when putting the soil in the bench. That mixed with the compost is available as soon as the plants begin to grow, while that added when filling the bench is for later use. The potash in the wood ashes strengthens the stem and helps to produce more flowers. He believes the use of chemical manures will be largely increased when we know better how to use them.

He sets the plants quite closely together on the bench, rarely more than ten inches apart, and when benched in the fall the plants touch each other, while by January or February they are such a mass of growth that individual plants cannot very well be distinguished. As a support he runs a wire between each row the long way of the bench and runs string across these, making a square around each plant. There are two tiers of wire and string, the first eight inches above the soil and the second sixteen inches above it. He never sprinkles the plants overhead except for a few weeks after planting and sometimes a little in the spring to keep down red spider. Water is applied to the soil under the plants. He aims to keep his carnation houses dry and cool. He does not mulch the beds or disturb the soil in any way. He feeds liquid manure beginning the latter part of January and regularly every two weeks afterward. His liquid is made from sheep or cow manure, with occasionally a little nitrate of soda or muriate of potash added. When mixing his first lot of liquid he puts 25 or 30 lbs. of horn shavings in the tank. These dissolve slowly and give value all winter.

COLD STORAGE PAEONIES.

We present herewith a view of the compartment in a Chicago cold storage warehouse where the Klehm brothers carry their paeonies in cold storage. The blooms are cut when in the bud, but not till the top petals start to separate, making what is called "the split." The buds are then wrapped up in bundles of 14 each, to make a generous dozen, and placed in buckets about half full of water in the cold storage room, which is maintained at about the freezing point. The water is not changed and will remain sweet as long as the flowers are kept there. The paper is placed around the buds only and not around the lower stems, and different colored paper is used to designate the different varieties they contain, which is preferable to labelling the bundles. The paper is to keep the buds from being touched by frost. Care is taken to never wet the blooms.

In this way a number of varieties may be held from six to eight weeks and come out apparently as fresh as when put in. When taken out for use a little piece is cut off the end of the stems and the buds placed in water, when they open gradually. If the bud is cut a little too tight when it does open it will pop wide open and drop. And not all varieties will respond to the cold storage treatment. The white sorts seem to be the best keepers, though the fine sort known here as "Drop White" is one of the poor keepers. The early sort known here as "Old Red" will not keep at all in cold storage, while the common pink sort will keep only ten days or two weeks.

THE FLORISTS' REVIEW

G. L. GRANT, EDITOR AND MANAGER.

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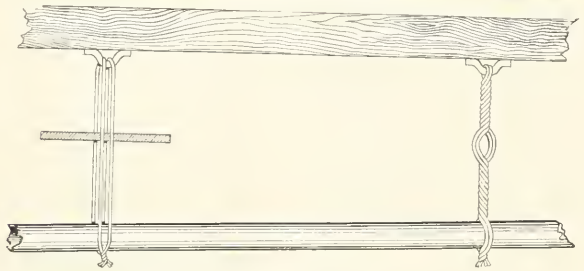
A WIRE PIPE HANGER.

The wire pipe hanger illustrated herewith, is strongly recommended by Mr. A. L. Shriver, Hoopeston, Ill., who has discarded all other systems in its favor. A double loop of telegraph wire is used, the two ends twisted together below the pipe and the pipe lifted to the exact height wanted by inserting a stick between the wires and twisting the wires. If it is desired to lower the pipe at any point the wires can be untwisted a trifle. This is not only an inexpensive hanger, but is of great value in enabling one to keep the grade of the pipe absolutely true, which is so important to secure the best results from a heating apparatus. Should the support sag the pipe can be trued up by a few twists or the reverse at the point where the sag has occurred. This is not advanced as a particularly new method of hanging pipes, but as one that should be widely known and made use of.



A Wire Pipe Hanger.

CHICAGO.

The Market.

The supply of good roses has shortened further and they are in big demand. Teas are stiff at $3 to $4 for good quality. Kaiserins are selling well and the best grade has advanced to $5. Beauties are very scarce and it is impossible to fill orders. Aside from roses the supply exceeds the demand in nearly every case. Though there is much poor stock, still the quality averages well for the season of the year. There is a lot of good longiflorum in the market and they are selling fairly well at $5 per hundred. These are mostly from the Klehm brothers.

Various Items.

Mr. O. P. Bassett left Monday for his summer trip. He will probably not return till September. Mr. Washburn and his wife and son will also take a summer outing. They start next Tuesday for Colorado, where they will spend most of their time at Glenwood Springs, but will also view the magnificent scenery of other parts of the state. They will be away four or five weeks.

The first summer visit of the Florists' Club will be to the establishment of Messrs. H. & R. Hilmers, at Blue Island, July 10. The trip to the establishment of Reinberg Bros., at Summerdale, will be made the latter part of July, and the Milwaukee trip early in August. As many will later be away to Omaha no other August trip has been arranged. Early in September the Club will again visit Hinsdale upon the invitation of Bassett & Washburn, so all may have an opportunity to see that 50x600 house of carnations.

Mr. E. Buettner, wife and two children, will leave July 4th for a two months' trip to Europe. They sail from New York July 7th on the Koenigen Louise for Bremen, and will sail for home from the same port September 10th.

J. M. Smely, late of Dreher & Smely, Sibley, Ill., has leased the greenhouses of Roscoe Saunders, at Aurora. Louis Dreher will continue the establishment at Sibley on his own account. Mr. Smely was married last Sunday in this city and has taken his bride to his new Aurora home.

Klehm's cold storage paeonies were cleaned out in great shape last week and at good figures.

Mrs. Redfield, a sister of Mr. Flint Kennicott, was buried last Tuesday.

C. W. McKellar returned Wednesday morning, and next Tuesday Ed. Winterson and C. S. Stewart will start on an extended bicycling trip. They will be away till late in August and will pass through the states of Michigan, Wisconsin, Minnesota, Iowa and Nebraska, bringing up at Omaha in time for the convention. They carry a tent with them and will camp out when hotels are not convenient. They will combine business with pleasure and Ed. Winterson says he will carry a sign on his back bearing the words, "Read The Florists' Review," in big black letters. Both expect to have their muscle worked up so that their delivery in the bowling tournament will be as swift and accurate as that of Admiral Dewey's guns.

Our "Among the Growers" notes will be found under a separate heading elsewhere in this issue.

The early closing movement among the wholesalers has been crowned with complete success. From July 5th to September 5th every wholesaler in the city will close his place of business at 5:30 p. m. All signed the agreement gladly. The notice appears in our advertising columns in this issue.

E. H. Hunt is offering a fine line of florist's seeds of very select strains. He has made quite a specialty of high grade seeds of the sorts grown by florists and has received many congratulatory letters from satisfied customers. Mr. Hunt is still sojourning at West Baden, Ind.

A. G. Prince & Co. carried about 800 dozen paeonies in cold storage this season and cleared them all out at good figures.

Klehm's Nursery is sending in a lot of fine longiflorum lilies and they expect to have a good supply all summer. They are now potting up a lot of auratum that has been held back in cold storage, and will have a big crop of late flowers.

Geo. Souster, of Elgin, was in town Tuesday.

Bowling.

Following are the scores made last Friday night:

	1st.	2nd.	3d.	4th.	5th.	Av.
G. L. Grant	176	137	...	...	...	156
J. S. Wilson	124	174	134	176	...	152
E. F. Winterson	133	144	136	120	128	134
J. Degnan	138	106	105	116	142	121
F. Stollery	114	136	109	138	99	119
G. Stollery	116	104	115	114	121	114
C. Balluff	100	128	...	...	...	114
A. Henderson	105	99	86	121	148	112
C. Erne	105	104	91	...	...	100
C. Pruner	66	111	102	92	94	93
G. Balluff	59	74	...	...	...	66

PHILADELPHIA.

The Market.

The cut flower market was weaker last week than it has been. Roses were in fair demand, but other stock, especially peas, were difficult to sell. The busy business season is over. The busy season of preparation, for the growers, is here. Pulling out, cleaning, painting, planting and potting are seen on all sides.

Penn. Hort. Society.

The Pennsylvania Horticultural Society wound up the season with a really pretty show on Tuesday evening, which was enjoyed by a fair-sized crowd of members. Entering the lecture hall, the first table on the left was filled by W. A. Manda, of South Orange, N. J., with a beautiful collection of roses, chiefly of the evergreen type. Next came a long table which the H. A. Dreer Co. had filled with Japanese iris, fifteen varieties. This exhibit was particularly effective, the flowers being well staged and in good condition.

Then came a small table of sweet peas, probably several thousand blooms, and after the vegetables, lettuce and peas, for the Dreer and Michell prizes, came another table of Japa-

nese iris, twenty varieties, from the Andorra nurseries. They consider a fine white iris, Robert Craig, as very desirable, on account of its durability. The last table was a beautiful display of orchids from H. Clinkaberry, gardener to C. G. Roebling, of Trenton, N. J. Mr. Manda also had an orchid, a new laelia. The Dreer Co. had several choice varieties of peas.

The paper of the evening was on the Culture of Dendrobiums, by John Thatcher.

Notes.

Two weeks ago I spoke in these notes of the pretty vase effects attainable with Boston fern and geraniums, with certain green vines trailing over the sides. I intended to say white geraniums. "Swan" was the variety used in the vases described, the idea being to confine the colors in the vase to green and white, the white blooms appearing under the drooping fronds of the fern.

A bed of longiflorum lilies in full bloom, six to twelve flowers on a stem, perfectly even, made a taking effect in a garden last week.

I saw something the other day which I believe to be unprecedented in the annals of horticulture. It was in an old-fashioned greenhouse on the back of a side bench that a sweet pea vine of the variety known as Extra Early Blanche Ferry was growing. It had two perfect blooms and was in the same pot, a 2x3, with a perfect plant of Pandanus Veitchii. J. W. Y.

AFTER THE HAIL STORM.

The accompanying engraving is from a photograph of the greenhouses of the Humfeld Floral Co., Kansas City, after the hail storm of May 14. By this storm 17,509 square feet of glass were broken out of their total surface of 21,073 square feet. In some of the large rose houses there were only eleven lights unbroken on the south slope. The palm house happened to be covered by lath shading at the time and the storm was so severe that many of the laths were broken and the glass crushed beneath them, though no serious injury was done the palms.

The glass was insured in the Florists' Hail Association, and they have received a check for the amount of their loss in broken glass. They desire to express their appreciation of the prompt adjustment and settlement by the association of their loss.

BOSTON.

Review of the Market.

The improvement noted last week has continued during this, and both retailers and wholesalers are perfectly satisfied with their week's business. Roses have been the leader, owing to the demand created by the "sweet girl graduates," and there has almost been a scarcity, something unknown at this time of the year. Brides and Bridesmaids have averaged about $5.00 per hundred, strictly choice bringing $8.00. Kaiserins are elegant in quality and bring $10 per hundred, while out-of-door roses are plenty and sell well. Jacks and Brunners are the varieties most in evidence, and are going without much difficulty at prices ranging from $4.00 to $8.00 per hundred.

Carnations of extra quality find a ready market, but there are quantities of poor stock, which require lots of forcing to make a sale; 50 cents to $1.00 per hundred is the asking price for such stock, while $1.50 is easily obtained for extras, and $3.00 for strictly fancy.

Sweet peas are plenty, both from inside and out of doors; 30 cents per hundred is an average price. Lilies are about done. Valley plenty; held at $4.00. The first asters of the season came in this week; quality poor; sold at $1.00 per hundred.

The Plant Trade.

The plant trade is virtually over for this season, and every three out of four have still got a little to sell yet, so the prospect is that there will be plenty of stock plants this fall.

The trade has been very unsatisfactory, and has fallen off fully 25 per cent in volume, with much lower prices. The call has been largely for odds and ends, especially for seedlings, such as asters, while geraniums, the usual bedder, has had the "go by."

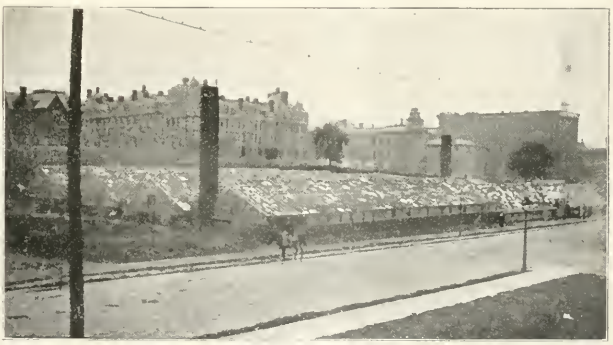
The Rose Show.

The quality of the hardy flowers exhibited so far this season has in most cases been very fine, but roses have been very much below the average, and were a disappointment to the growers. They did, however, make quantity a substitute for quality, and made a good exhibition. The heaviest exhibitors of roses were Dr. O. S. Page, the estate of J. S. Fay, Dr. Weld, Mrs. E. M. Gill, and Mrs. A. W. Blake, and prizes were distributed amongst them. The Theodore Lyman prize for 24 distinct varieties went to the estate of J. S. Fay, while for exhibit of 16 named varieties the first prize was also awarded to the J. S. Fay estate. Jas. H. White received first for twelve varieties, with Dr. O. S. Page second. J. S. Fay also received first and second on three named varieties.

For 24 varieties, one bloom of each, Dr. O. S. Page received first, Mrs. A. W. Blake second, while J. H. White got first on 12 varieties, one of each, and J. S. Fay second. For 24 blooms of Gabriel Luizet, first prize was awarded to J. S. Fay, second to Dr. O. S. Page.

On individual varieties, six blooms each, Mrs. A. W. Blake got first prize for Baroness de Rothschild and John L. Gardner was awarded first for moss roses. For general display, 100 bottles, the first prize went to Mrs. E. M. Gill, second to W. N. Craig, third to Mrs. B. P. Cheney. Mrs. E. M. Gill also received first for basket of roses, arranged for effect. W. N. Craig obtained first for display of Sweet Williams, Mrs. M. S. Walker, second, and Mrs. A. W. Blake, third. For Spanish iris, John Jeffries was awarded first prize. Mr. T. C. Thurlow exhibited paeonies and obtained a gratuity. For vase of flowers, best arranged, Mrs. E. M. Gill was awarded first, Miss Hattie Winter, second. W. N. Craig received a gratuity for a nice display of roses.

On orchids, John L. Gardner and W. P. Winsor received all the prizes, exhibiting some fine specimens. Robert Laurie, of Newport, R. I., was awarded a gratuity for display of begonias and bloom of chrysanthemum Independence. James S. Little was awarded first for gloxinias, and also for tuberous begonias. The usual exhibits



Greenhouses of Humfeld Floral Co., Kansas City, after the Hail Storm.

of seasonable flowers were made by James Comley, Mrs. D. P. Richards, and others. The display of strawberries was very fine, the variety Marshall capturing most of the leading prizes.

News Items.

The last of the plant auctions was held on Saturday. W. H. Elliott, of Brighton, will, however, sell young roses and Nephrolepis Bostoniensis on Tuesday, June 28.

Pond lilies from the south are in the market; demand light at $4 per hundred.

Al. Hertson, salesman for W. H. Elliott, sails for England and France next Wednesday.

S. S. Pennock, of Philadelphia, has been doing the Hub this week. P.

NEW YORK.

In the Wholesale District.

If the wholesalers had their way there would be no summer. To them it is a delusion and a snare; and it is here now with a vengeance and with it the prevailing low prices, with not an oasis in sight. This week will be the end of what business there is and then there will be a settling down to hard pan and a wait till the fall, when prices will again rise to their normal gravity. Trade was pretty fair up to last Friday; since then it has been tumbling into insignificance and airy nothingness. The following prices give an idea as to the market: Roses, $5 per 1,000; carnations, $2 per thousand, with a few at $1 per 100; sweet peas, 1½ to 2 cents a bunch; good longiflorum, $4; auratums, $3; candidum, 50 cents per 100; valley $1.50 to $2 per 100, according to quality.

A few cattleyas are coming in and realize 30 cents apiece. Good stock in roses is specially scarce and the varieties that seem to fare best are Perles, Testout and Meteor.

While Beauties, Brides and Maids are very "off color" both literally and otherwise. A few pond lilies are seen and realize 50 cents per 100.

It is an ill wind that blows nobody good. Don't tell Mr. Thos. Young, Jr., this, however, for in the cyclonic gale last Saturday his sign was carried away and was discovered somewhere on the east side. This is the only damage reported from florists so far, though it seemed at one time as if the St. Louis disaster was about to be repeated.

Mr. E. Koffman will open his store on 28th street next Friday. Mr. Koffman is not superstitious. There will be a collation served at noon with smilax salad as the chef de ouvre.

Retail Trade.

This department is at low ebb at present and city folks are scurrying to the shore. Commencements and school exercises have helped a little, but the June weddings so far have not been so plentiful as the florists could wish and nothing that has ever created a furore on the street has happened, and so till fall you might say "requiescat in pace."

J. H. Small & Sons are making good headway with the enlargement and decoration of their store. It will be a "light effect" with electric light effects and they expected to open about the first of August. When finished it will compare favorably with any in the country.

Various Notes.

Mr. Geo. M. Stumpp and his son, G. E. M. Stumpp, will sail tomorrow on the S. S. Trave and will tour Europe on bicycles, returning early in the fall. Both are enthusiastic wheelmen and a very enjoyable time is anticipated.

The glass market here is in a very erratic condition, on account of the strike last year. The supply does not equal the demand and consequently prices are high with an upward tendency. There are plenty of large sizes on hand, but the dealers don't care to "cut" it to florists' sizes. They will do so, however, but the price is higher in proportion. There is not likely to be any break in the market and prices will hold their own anyway till next January.

ST. LOUIS.

The Market.

During the past week business was dull and the only thing that will keep the florist alive from now on is funeral work. The school commencements are now over and the trade has dropped to the midsummer level.

Red roses are mostly in demand—Meteors and Beauties; Bridesmaids are also selling well. Brides are very small. Stock of all kinds is not so plentiful as last week, much of it being very poor; prices about the same.

Carnations are selling well, but the blooms are very small, and only a few excellent flowers were seen. Of these white sold better than red; price, 75 cents to $1.00 per 100.

All cheaper flowers continue very plentiful. Asters are not yet overplentiful and sell at $1 per 100. Sweet peas are arriving in large quantities each day, white having the call; price on all varieties 15 cents per 1,000.

Much replanting is going on among the growers at present, which will shorten up the stock considerably from now on.

Florist Club.

Don't forget the Club meeting Thursday, July 14th, at 3 p. m. The president says he must have a full house. It will be specially interesting to those who wish to attend the S. A. F. convention at Omaha. There is also a great amount of enthusiasm displayed among the members as to the nomination of president.

The Picnic.

The picnic committee will have another meeting this week and fix date for the outing. Belleville is the place decided upon, as stated in The Review last week. The chairman of the committee and your correspondent accompanied by their wives, visited Belleville Sunday to look over the grounds and were assisted by our members of that town. It was raining and our Belleville friends were in waiting with carriages to take us over the town and out to the grounds. The place impressed us most favorably and the chairman remarked as we were leaving, This is the place the florists of St. Louis will have their picnic this year, notwithstanding that the correspondent of the American Florist stated Creve Coeur Lake.

Notes.

It has been rumored about town that a new commission and supply house will be opened in the fall.

The Bowling Club held a special meeting Friday night at the Grand Alleys, Sixth and Pine streets. The object of the meeting was to roll on these alleys every Friday night and at our old alleys every Monday night until just before the S. A. F. convention.

The Bowling Club had a good attendance Monday, and rolled its usual three games. Mr. George C. Headworth of Chicago, was a visitor and rolled with the boys, his score will be found below. This ended the July series of 12 games. Beneke wins the average medal, with an average of 176; Kuehn, second, average 172; Emil Schray the nigh score medal, with 244; John Young, second, 234. Next Monday night the club will not roll, as the 4th of July falls on that date, and Thursday night, July 7th will be our rolling night next week. Here are the scores and averages of Monday night:

	1	2	3	Av.
J. J. Beneke	157	117	197	157
C. A. Kuehn	134	148	182	154
Emil Schray	184	113	143	146
Carl Beyer	..	123	165	144
G. C. Headworth	147	99	141	129
F. C. Weber	113	148	110	123
F. Fillmore	159	85	111	115
C. C. Sanders	122	102	130	114
John Kunz	121	111	122	114
D. Helwig	168	125	106	113
John Young	94	112	100	102

J. J. B.

BUFFALO.

The Market.

Frequent and copious showers have made the gardens, fields and woods a paradise. There is no need of going to the southern shores of Cuba to see fine vegetation; our own humble fields and orchards are beautiful — so beautiful that I pity the poor souls that are not able to roam at large in and on them. Communion with these useful and beautiful children of nature makes better creatures of us all. Some two weeks ago I predicted that carnations, which were so cheap then that you gave a dozen to a pencil peddler to get

out of your store, would be more valued in a short time. The time has come, and now they are worth picking; 40 cents a dozen retail is asked and obtained, and the man who is picking 1,500 a day feels better.

I have often lamented that I did not have the faculty to report the state of the flower market in a concise and technical style. Some of the correspondents in our town are able to send to your contemporaries a much more finished article in that important line. Supposing it was November, a thorough report of our market may read like this: "Roses opened firm, with a brisk demand, but declined a few points after export orders were filled. Reports by wire of black spot in Philadelphia and Chicago produced a healthy effect on local market, and after left-over stock was put in the icebox, stems stiffened. Mums were a fickle commodity and speculation in them was confined to curbstone merchants. A few options were secured on crop of '98, but general tone of the mum market could be called 'yaller.' A notable feature of the day's sales was the purchase by Mr. W. H. Lincoln of 1,000 Major Bonnafon, to be delivered on call to Miss Grove P. Rawson. Carnations were in short supply, and with reputed reports of rust from Kennett Square and other 'belts,' the Dianthus stiffened. A call from Cleveland (Ohio, not New Jersey) for four carloads cleared up all surplus stock. At Daybreak there seemed an overwhelming supply, but when W. S. retired for the night there was nothing left in sight.

"Violets opened active, with a good demand from western and middle western states. On receipt of a canal boat loaded with violets and mules from Poughkeepsie, the quotations slightly declined, but finding that the eastern stuff was more of the mule flavor than its own, the local grower commanded a fair price. Local growers need not be discouraged. Their vision will not be as blue at Xmas as it is now. In sympathy with other and larger cities, the general tone of the market was bearish. It was only Leiterized spasmodically, and heavy dealers seemed Armourized against any fractious fluctuations."

If a report like this could emanate from some of our large centers, such as the Growers' Association of New York city, Welch Bros. of Boston, or best of all, the Cut Flower Exchange of Baltimore, it would be a great guide to us, especially to those who understand it.

Since paeonies have gone, there has been quite a brace in prices. Good, clean roses are in good demand, and, as above stated, carnations are the sheet anchor of our trade. Outside Lilium candidum are now plentiful and inside L. Auratum, rubrum and album are a welcome change to our daily diet of Flora's favors. Business was rather brisk last week on account of what is paradoxically called "commencement," which is the closing of the schools. The mournful but lucrative trade in flowers for the departed has made us all busy of late, and that has been the best part of the business.

Notes.

A ride around our park system a few evenings ago gave us an opportunity to inspect the flower gardening in our beautiful parks. The only criticism that could be made of that widely known and worthy man, our late superintendent William McMillan, was that he had neither knowledge, taste nor sympathy with a flower bed. I have often said privately and spoken publicly that the flower gardening in a public park is but a small feature, but it is a feature, and when attempted at all should be well done or left alone. This year's bedding-out in our North park, THE park to the great majority of our people, is vulgar and common in the extreme, a disgrace to the city, and under present management likely to grow worse. Politics far outweigh brains now, from the president of the board down to the man with a shovel.

The greatest danger to our country is that favoritism goes before ability. Political break-downs, men who have failed in every walk of life, and even in their manhood, are good enough to serve the city, while the best only should be called. In great contrast is the few dozen beds in beautiful Forest Lawn; not a great deal of it, but well done, in keeping with the magnificent care and order of that silent city.

Mr. C. L. Dole, of Lockport, and his dear little wife, were here this morning, and an indication of how trade was in the Lock City can be gained by a brief quotation: "How was spring business, Mr. Dole?" "Never sold out so clean. I am going to put a 200-foot granolithic walk in front of my place." That's pleasant to hear; hope many more will put down a hard walk and keep the straight path.

A little experience last week is, I think, worth recounting, because it's a "cultural direction." We have always supposed that a lump of lime, say three pounds, in forty or fifty gallons of water, and then allowed to get clear, was a good thing to make angle worms move on or turn up their toes, but we have learned something better, and I cannot tell how better than the dialogue: "Mrs. S.: 'I brought my rubber tree for you to look at.' "Yes, mam; it looks real healthy, and the pot is large enough." "Yes, I know; but it don't grow; has not made a leaf in six months." "Well, mam, as long as it looks so green and healthy, there are no regrets, and I would be afraid to disturb it now; but it looks awfully well." "Well, you see it was out in last night's rain, and last week I gave it two tablespoonsful of castor oil." "Well, well; you don't say so: the oil being a pure vegetable extract, may not have hurt it; but did it do any good?" "Why, of course it did. There was a large worm came out." The little lady marched home again with her rubber, happy that there was nothing serious the matter and happy that she had imparted some useful knowledge to her friend the florist.

W. S.

A FLORIST WEDDED.

Geo. G. Schramm, of the Stover Floral Co., Grandville, Mich., was married to Miss Lulu Parker, of Grand Rapids, Mich., on Wednesday evening, June 29th, at the home of the bride's aunt.

After the ceremony the guests were invited to the dining room, where a sumptuous wedding supper was served. Then there was music by Miss Jeanette Schramm, sister of the groom, and all joined in having a good time generally, after which Mr. and Mrs. Schramm left for their future home. They will occupy the cottage on the property at Grandville, which had been prepared for them. May their life always be as happy as it was on that evening is the wish of their many friends.

ONE WHO WAS THERE.

MINNEAPOLIS, MINN.

The Park and Outdoor Art Association held a very successful meeting here June 22 to 24. There was a large attendance of park superintendents, landscape architects and others from every section of the country. Many valuable and instructive papers were read and the visitors were royally entertained by the local people. Detroit was selected as the place for the next meeting.

TWO NEW BEDDING PLANTS.

Two new bedding plants with which Head-Gardener Stromback at Lincoln Park, Chicago, is favorably impressed are Torenia Montenegro and Lobelia Blue Bedder. The Montenegro torenia is similar to Fournierii in color, but the flowers are considerably larger and more showy. The Blue Bedder lobelia is a taller grower than the old type, but has flowers much larger in size.

WE HAVE RECEIVED a copy of the advance premium list for the autumn exhibition of the Buffalo Florist Club, which will be held Nov. 9, 10 and 11 next. Copies may be had by addressing the secretary, Mr. Wm. Legg, 1440 Delaware Ave., Buffalo, N. Y.

Mr. S. HAMBURGER, president of the American Jadoo Co., of Philadelphia, sailed from New York June 25 on the Kaiser Friedrich for England, on a business trip. He will be away about six weeks.

IF YOU HAVE anything to sell to the trade, offer it in an adv. in The Review.

WANT ADVERTISEMENTS.

WANTED—At once, a good man for small ferns and pot plants. H. Schau, Box 251, Morgan Park, Ill.

WANTED—At once, an honest, industrious, sober man (single), who understands the growing of roses; a permanent place for the right man. Address, Michigan, care Florists' Review, Chicago.

SITUATION WANTED—Young man, seven years experience in large establishment where cut flowers are grown for the Chicago market, wishes a change in order to acquire more knowledge; east preferred; good references. Address K., N., care Florists' Review.

FOR SALE—First class florists' store in Chicago. Excellent trade, established fifteen years. Owner desires to devote his whole time to other business. An unusual opportunity. Address Max, care of Florists' Review.

SITUATION WANTED—By practical florist, as foreman. First class grower and propagator of ferns, violets, 'mums, etc. Age 36, married, near New York preferred. Address H., care Florists' Review.

FOR SALE—Greenhouses in one of the best cities in Eastern Illinois. Three houses, 3,700 feet glass, doing a good paying business, city water, telephone, and within three blocks of court house. No competition. Immediate possession given. Address H. D., care of Florists' Review.

SITUATION WANTED—By expert grower of plants and cut flowers. Competent in every department. Seeks a situation where he may have a chance to make his services worth more than in his present place. Can surely advance his employer's interests if given suitable opportunity. Address S. D., care Florists' Review, Chicago.

SITUATION WANTED—By a thoroughly practical florist and gardener; 15 years experience in growing tropical plants, cut flowers and general stock; also a first-class maker up and decorator; single. Address, B. C., care Florists' Review.

FOR SALE OR RENT—Six greenhouses 16,000 feet of glass; all in good condition; all modern improvements; located in one of the principal cities of Southern Wisconsin, with 20,000 population; but little competition. Address, Wisconsin Bargain, care Florists' Review.

SITUATION WANTED—By practical florist; grower in all branches and an all-round man; 48 years old, married; would like work at once, or by fall; best of references. Address, M. D. S., care J. J. Beneke, 1222 Olive Street, St. Louis, Mo.

SITUATION WANTED—As foreman with reliable firm. Roses, chrysanthemums, violets, etc. First class references. Address Ribes, care Florists' Review.

WANTED—First-class grower of roses, carnations, mums and general stock; good worker; will pay $20 per month and board to start; good home, steady place. Address 1,000, care Florists' Review.

SITUATION WANTED—By a practical working foreman, 13 years experience in growing roses, carnations, violets, mums and palms; age 28, single; state wages. Address, Frank, Florist, White Hall, Ill.

SITUATION WANTED—By July 9th, by practical florist, 10 years experience: roses, carnations, violets, etc.; knowledge of floral work; New York or Pennnsylvania preferred; references; state wages. Address N. Y., care Florists' Review.

WANTED—A first-class grower of roses and carnations; must be a man of well known ability and to have held similar position of responsibility among large firms, to take charge of a new branch establishment, and to whom an interest as well as salary will be given. For terms, etc., apply to N. T., Louisville Florists' Supply and Exchange, 320 Jefferson St., Louisville, Ky.

WANTED—First-class rose grower as working foreman; references. Wamelink Bros., Cleveland, O.

SITUATION WANTED—By a practical florist and grower of fine roses, carnations, 'mums, violets specialties. Good commercial or private position. Best references. Address W., Florist, Post Office Box 547, Alliance, Ohio.

ROSES.....

Beauties, 3-inch, $7.00 per 100.
Maids, Brides, Perles and Meteors, 3-inch, $6.00 per 100; 4-inch, $8.00 per 100.

POEHLMANN BROS.,
MORTON GROVE, ILL.
Mention Florists' Review when you write.

GREEN-HOUSE CONSTRUCTION.

This has been a specialty with us for many years and to us is due the credit for many of the great improvements that have been made in the construction of wooden green-houses. To those that buy our

Clear Cypress Building Material

we furnish, free of cost, complete detail drawings from which any intelligent workman can put up the material correctly. We have plenty of time to write letters ABOUT OUR BUSINESS, and we will be glad to hear from those contemplating building.

Write for Circulars or Estimates.

LOCKLAND LUMBER CO.
LOCKLAND, OHIO.

ASPARAGUS SPRENGERI

SPECIMENS FOR 8-INCH POTS, $6.00 per 12.

50,000 Plants, 2½-in. pots, $5.00 per 100, express. 24 by mail for $1.50

A. BLANC AND CO. PHILA.

Pæony Clumps

For Fall Transplanting,
PLACE ORDERS NOW.

Clumps at $10.00 per 100

Will divide into two and three
Easily Cultivated.
Need no protection during winter.
Any florist having land will find them big payers.

BRANT & NOE,
FOREST GLEN, ILL.
Mention Florists' Review when you write.

A Snap IF YOU WANT ...GLASS...

20 boxes of	14x18 (B)	double	$3.40 per box.
10 "	16x18 (B)	"	3.40 "
44 "	16x22 (A)	"	4.10 "

50 square feet in one box.
Glass is all new and in perfect condition.

The entire lot for . . . . $280 Cash.

WM. F. KASTING,
BUFFALO, N. Y.
Mention Florists' Review when you write.

50,000 Extra Strong Smilax Plants

Out of 2½-in. pots, $1.25 per 100; $10 per 1000.
Cash with order. Address
FRED SCHNEIDER, Florist,
751 Crawford Road, Cleveland, O.

Fine Rose Stock For Planting.

Out of 3-in. Pots
Meteors, Vic. Kaiserins, Maids, Brides, Belle Siebrecht, Perles, Beauties.

Write for prices. Send 50c or $1.00 for sample lot of what you want to.....

GEO. A. KUHL, PEKIN, ILL.
Mention Florists' Review when you write.

VEGETABLE PLANTS.

Cabbage—H. Succession, Flat Dutch, Autumn King, Drumhead, Savoy, and other varieties.
Celery—White Plume, Golden Self Blanching Giant, Pascal, Golden Heart, and other vars.
Tomato—Livingston, Stone, Paragon, and other vars. All above plants field-grown, 15c per 100; $1.00 per 1000; $4.50 per 10,000. If by mail, add 10c per 100. Cash with order.

R. VINCENT, Jr. & SON. . . . White Marsh, Md.
Mention Florists' Review when you write.

Send to THE MOON Company

For Your { Trees, Shrubs, Vines, and Small Fruits.

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NEW AND SECOND-HAND MATERIAL

purchased from Sheriff, Receiver, and Assignee sales at less than one-half prices. Pipe and Fittings, Hose, Florists' Wire, Hot Water Heaters, Greenhouse Boilers and Engines, Rope, Light Wrought Iron Pipe, Glass Sash, and thousands of other articles, for sale by

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Largest Mail Order Depot for New and Second-Hand Material in the World.
W. 35TH & IRON STS., CHICAGO.
Write for our free illustrated catalogues.
Mention Florists' Review when you write.

...NOTICE...

WE, the following Wholesale Florists of Chicago, Illinois, hereby agree to close our respective places of business at 5:30 P. M. from Thursday, July 5th, until Monday, September 5th, 1898, or until duly published notice to the contrary.

We furthermore agree that in the event of withdrawal from the obligation hereby entered into, to give written notice to all parties signing this agreement not later than Thursday previous to the Monday on which said withdrawal goes into effect.

REINBERG BROS.
E. C. AMLING.
VAUGHAN, McKELLAR & WINTERSON.
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POEHLMANN BROS.
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KLEHM'S NURSERIES.
A. L. RANDALL.

ST. PAUL, MINN.

Commencement season is over, weddings are less frequent, bedding-out stock is about all planted, and the dull season is upon us.

No one will deny that trade in this section has been very good this season in all lines. There was never a larger and better stock of bedding plants, and they have all sold at a fair figure. As in former years, geraniums were most in favor, though the demand for pansies was unprecedented, and shows how popular these little beauties are with the plant-buying public. There is a growing demand for cannas, which is gratifying, as it shows that these most valuable bedding adjuncts are at last being appreciated. The diminished demand for coleus, alternantheras, etc., would indicate that these glories of a past generation are being relegated to the rear, and that progress in the florist trade is sure and certain. In our short growing seasons in the Northwest people want large, showy plants from the start, while the small amount of hardy blooming stock naturally increases the demand for blooming tender stock. On this account foliage plants are not so popular here as in some sections of the East.

Work at the city parks is nearly all completed. While there is no lavish display, a large number of plants have been put out, and artistic effect has been aimed at more than quantity. Cannas have been used very extensively, and later on the beds should present a fine display of this handsome flower. The heat of the past week has had its detrimental effect on indoor blooms and pinched and shriveled buds are in abundance. Some good stock is brought in, however. Kaiserin are coming nicely while Testout on old plants are very fine indeed.

Paeonies came and went in a few days, and their presence was hardly noticeable. Sweet peas are becoming quite abundant and meet with ready sale. Gladioli from carnation benches sell readily and auratum meet with favor. In the plant line everything salable is cleaned out, though an occasional good plant is to be found. At

[Continued page 110.]

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Primula, Florist Strain, trade pkt., 50c.; double trade pkt., $1.00. Pansy, Mitting's Giant Flowering, Florist Strain, trade pkt., 50c.; double trade pkt., 75c.; ¼ oz., $1.00; 1 oz., $4.00. Pansy, German, trade pkt., 25c.; double trade pkt., 40c.; ¼ oz., 50c.; 1 oz., $2.00. Cineraria, Hybrids, trade pkt., 50c.; double trade pkt., $1.00. Above seeds have been tested and found 91 per cent. new 1898 seeds.
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As good as can be grown. We have the following Rose Plants, the same as we have planted in our own houses, still on hand for sale. We guarantee them to be first class in every respect.

7,000 AMERICAN BEAUTIES,	2½-in.	pots, at	$5.00	per 100.
600 KAISERINS	3-in.	"	5.00	"
600 KAISERINS	2½-in.	"	3.00	"
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ROSES

No Better Stock in the World.

1000 Perle, 1000 Bride — 2¼-inch pots, $3.00 per 100

200 Testout, 3-inch pots, $6.00 per 100

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Order at once, as they will sell quick.

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Do You Want Your Money's Worth?

If so, don't delay it but send me your list at once of all Bulbs and Plants for forcing and decoration, stating quantity and sizes. You will find my prices as low as others for FIRST-CLASS GOODS.

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JOBBER in Chinese Sacred Lilies, Japan, all kinds of Dutch, French and German Bulbs and Roots, Azalea, Rhododendron, Palms and Nursery Stock for forcing and outdoor.

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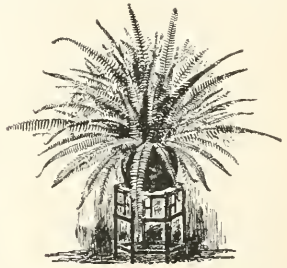
Boston Ferns..

N. Exaltata Bostoniensis, $5.00 to $25.00 per 100, out of bench. Large size. Prices on application.

I have a fine lot of $6.00, $8.00 and $10.00 per 100 sizes which will make fine plants in the fall if planted at once.



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AMMONIA, 5 per cent.
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AMMONIA, 16 per cent.
NITROGEN, 13.22 "

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Give us a list of your wants and we will quote same. Don't forget that we are strictly in it on SUPPLIES OF ALL KINDS,

SEEDS, BULBS AND CUT FLOWERS.

VAUGHAN, McKELLAR & WINTERSON, 45, 47 and 49 WABASH AVENUE, **CHICAGO.**

the city market, where the bulk of the plant trade is done, sales are reported as having been very brisk. Everything sold readily and at fair prices.

The growers are now busy repairing their houses, replanting their benches, cultivating outside stock, etc.

Chris Bussjaeger contemplates building three new rose houses 60x20. He reports a very brisk spring trade in bedding plants, having sold out very early.

C. A. Anderson, the Hill Florist, has sold his fixtures and stock to C. Bussjaeger, and will discontinue his store for the summer months.

L. L. May & Co. have recently received a fine importation of bay trees, which add a great deal to the appearance of their fine store. They are repairing some of their houses and may build later in the season.

I recently noted at one of the growers' here some of the new 1897 cannas. Champion is a very large, bold flower, of very dark crimson color; plant a vigorous grower. This is bound to be a popular variety. Klondike also impressed me very favorably, both as to its color, a reddish orange, and the general habit of the plant. Duke of Marlborough, with a color and habit similar to Champion, is a decided acquisition. A light pink is not only a decided novelty, but is also a beautiful and valuable addition to this interesting class of plants.

HUNT'S REVIEW OF THE CHICAGO MARKET.

Saturday last ushered in the season of summer dullness, but the days previous to Saturday saw the demand both local and country ahead of expectations. Roses, especially good quality, were very short, and 10 A. M. saw the market so well cleaned up that late orders suffered.

Beauties were in heavy demand with none to meet it, as one house expressed it, "We are sending Meteors for Beauties." Harrisii owing to small supply are having a fair sale. Smilax is suffering owing to the fine quality of Common Ferns now coming in. Carnations are getting smaller and receipts are less and will be until new crop comes in.

Taken as a whole last week's business makes a good showing compared to former years and with nearly everyone satisfied.

Chicago, June 27, '98.

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Wholesale Florist
1612-14-16 Ludlow St.
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THE LARGEST SUPPLY HOUSE IN AMERICA
New Catalogue of all Florists' Supplies on application For the trade only.
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White Plume, Golden Self-Blanching and Giant Pascal.
Field-grown plants at $1.00 per 1,000; $8.50 per 10,000. Cash with order. Samples free.
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CELERY PLANTS White Plume, Golden Self Blanching and Hartwell's Perfection. Nice outside plants from March sowing, 90c per 1000: $7.50 per 10,000. Cash please.
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Original Headquarters for CARNATIONS.

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1526 Ranstead St., PHILADELPHIA, PA.
Consignments of only the BEST STOCK solicited.

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Wholesale Florist,
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Consignments of Choice Stock Solicited.
Our central location enables us to fill out-of-town orders at short notice.

Boston Fern
Special Offer on account of moving.
6-inch pots, $10.00 per dozen.
8-inch pans, very fine, $15.00 per dozen.
Splendid for growing on or for store decoration.
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FLORISTS' STOCK OF BEDDING PLANTS.
Alternantheras, Coleus, Geraniums, Pansies, Daisies, Verbenas, Fuchsias, Salvias, etc. Write for prices. Florists are invited to look over our stock when in Milwaukee.
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We are booking orders now for the above, which will be filled promptly on receipt of the **New Crop** Seed, which is due to arrive soon. Our strains of these important Florists' flowers are unsurpassed. If you have not heretofore given our seeds of above varieties a trial, do so this year. We invite comparison with any.

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Order now and seed will be sent as soon as **new crop seed arrives.**

Hunt's Pansy Seed has made a name because of the **quality** of the strains. We would be pleased to send our catalogue of Florists' Flower Seeds to any one in the trade. It contains a general list of all Florists' Seeds.

	Oz.	¼ Oz.	Tr. Pkt.
Fine Mixed	$1.00	$0.25	$0.10
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ALSO ALL THE NAMED VARIETIES.

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Single, white	50c
" red	50c
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" mixed	50c
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CINERARIA Hybrida Grandiflora, large flowering, finest mixed	50c
Our Cineraria seed is known among those who grow the finest plants.	
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We have a special fine strain to offer.	
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All the very best commercial varieties, viz.

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Rooted Runners, $10.00 per 1000.

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Asparagus Plumosus Nanus

Strings 8 to 10 feet long, 50 cents.

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1000 Am. Beauty, 2½-in., $4.50 per 100
1000 Kaiserin, 2½-in., 3.00 "
1000 Kaiserin, 3 -in., 4.00 "
Very choice. May be returned at our expense if not satisfactory.

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REED & KELLER,

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Sphagnum Moss First quality, 85c per bale, 10 bales $6.00.

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SMALL GREEN **Galax**

For use with Violets. Stiff wiry Stems. Work up beautifully. Are all the rage

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Asparagus Plumosa Nana, (True)

JUST THE THING FOR FERN DISHES.

10,000 Plants at $2.50 per 100, or $20.00 per 1,000. Cash with order from parties unknown to me.

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Wholesale Grower of Cut Flowers.

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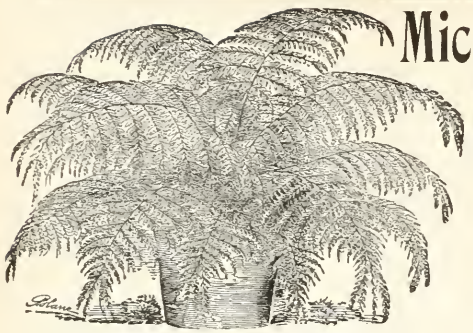

Microlepia Hirta Cristata.....

IF you can sell the Boston Fern you will have no trouble in disposing of just as many of this beautiful sort. It is a most graceful and rapid growing variety that succeeds admirably in the house. We have been growing it for a number of years, but until now we have never had stock in sufficient quantity to offer it at a popular price. 2¼-in. pots, that can be grown into 10 or 12-in. pans by October, 75 cents per doz.; $6.00 per 100; $50.00 per 1000.

For other Ferns, Palms and Decorative Stock, See our current Wholesale Catalogue.

DO YOU GROW BULBS? GET OUR PRICES.

HENRY A. DREER, Philadelphia, Pa.

RIVERTON, N. J.

A good story will always bear repetition and although notes have appeared from time to time in The Review, I think, at no season as at the present, is the record of a visit to the H. A. Dreer nursery more interesting, when, previous to the grand annual cleanup (if such a term can be appropriately used), it should rather read turn over, for commencing at the first of June, as nearly as possible, when the bulk of orders have been filled for the season, the whole plant is gone over. Both the immense stocks of palms and ferns are shifted, the latter into frames to be carried through the summer months. It being impossible, even were it practicable, to carry these vast stocks in the houses during that period. The plants are sturdier and possess better color when exposed to ample light and air, care being taken in shading and watering; great essentials.

Being allowed by that genial gentleman, Mr. J. D. Eisele to roam around at my own sweet will, in company with my friend H. W. Tracy, representing S. F. Leonard & Co. of Chicago, who was on a visit to his brother John, who by the way, has charge of the extensive seed trial grounds here, and both of whom are scions of Prof. Tracy of Michigan seed fame, we mounted the rockery or fort, so called, recently built by Mr. Tricker, which whilst original, strongly reminds one of the celebrated alpine rockery of Messrs. Backhouse of York, England. This promises to become a most interesting feature, and in connection therewith Mr. Eisele proposes to form a collection of conifers and evergreens. Those of us who have visited the famous spots of Europe, cannot fail to appreciate such efforts which must redound, nay are redounding to the credit of the constructors.

We had a most interesting conversation with Mr. W. F. Dreer, upon the subject of Japanese iris and paeonies of which he has made a study during several visits to the land of the Orient. As seen here, they are very beautiful, and convey some idea of their great beauty when seen in their native home.

[Continued Page 114.]

The Harrisii Disease

can be prevented by immersing the bulbs for ten hours in a half solution of.....

..Kraft's Plant Tonic.. 99%

This has been conclusively proven by experiments at Lincoln Park, Chicago. The Tonic also kills **Hard Shelled Scale, Mealy Bug**, and other insect pests without injury to the plant. A trial of a 25-cent bottle will convince you that a really remarkable insecticide has been discovered. Send for circular.

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Our assortment comprises over **100 distinct Colors, Strains and Blends**

Special Offer: No. 2736) Sixty (60) **packets,** each containing 125 seeds of distinct varieties (7,500 seeds in all), for $1.75.

The **"THREE BEST BLENDS for FLORISTS,"** our own formulas (Nos. 2632, 2709, 2710), 1,000 seeds each (3,000 seeds in all) for $1.00. Double quantity, $1.75.

CALCEOLARIA (James' Strain), Extra Large Flowering Mixed (No. 1751). Pkt., 15c; trade pkt., 50c.

CINERARIA, Extra Large Flowering (No. 1925), the best. Pkt., 15c; trade pkts., 50c and $1.00.

PRIMULA, N. Y. Special Florists' Blend (No. 3017), our own mixture of over 25 distinct large flowering fringed and double varieties, besides latest novelties. Pkt., 10c; trade pkt., 50c; 1,000 seeds, $2.00.

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SMILAX

STRONG PLANTS.
$1.50 per 100: $12.00 per 1000.

C. HUMFELD, Clay Center, Kan.

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Marie Louise Runners

25,000 at $4 per 1000; 60c. per 100.

WANTED 500 Maids, 600 Brides, 200 Perles, 200 Beauties, 200 Meteor, 200 Belle Siebrecht 2½-inch pots.

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Mention Florists' Review. HILLSDALE, MICH.

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it pays better than.... **3% U. S. War Bonds**

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Special Options secured, good up to July 10th, on Glass, 16x24, double thick, A. Also on Pipes and Fittings. If interested, write for particulars.

Our Special Prices on Fall Bulbs can be had for the asking. We have the reputation for high grade stock, and sell it at a very close margin. Please try us.

Fancy strain of **Primula, Cineraria, Calceolaria, Etc.**, ready now. Send for special circular.

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General Introduction.....

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FRANK HARDY,

$5 per 100; $40 per 1000; 25 at 100 rate.

Send for list of other new and standard varieties.

H. WEBER & SONS, -- OAKLAND, MD.

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40,000 FIRST QUALITY FORCING ROSES. READY FOR IMMEDIATE PLANTING.

Fully equal to those sent out the last six years, first-class and perfectly healthy in every respect. Only selected growth from flowering shoots used in propagating.

WOOTTON, LA FRANCE, AMERICAN BEAUTY, PRESIDENT CARNOT
3-inch pots, $8.00 per 100; 4-inch pots, $12.00 per 100.

METEOR, BRIDESMAID, GONTIER, SUNSET, BON SILENE, MERMET
PERLE, KAISERIN, BELLE SIEBRECHT, MME. HOSTE, NIPHETOS, BRIDE,
3-inch pots, $7.00 per 100; 4-inch pots, $10.00 per 100.

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You will see that you can buy everything that you want to just as good advantage from advertisers in the FLORISTS' REVIEW as elsewhere and at the same time benefit yourself by increasing the earning power of your certificate.

This mutual arrangement cannot fail to bring to the paper a heavy advertising patronage, and as a result the stock represented by your certificate will earn good dividends. And the more you buy of advertisers in the FLORISTS' REVIEW (always mentioning the paper), the larger your dividends will be.

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As the original names bestowed by the Japanese are preserved, I shall not attempt to give them here. They will be fully described in catalogue in due course.

It being a very hot day, 90 degrees in the shade, a visit to the now famous water lily ponds was most inviting, and here we found the enthusiastic, and justly recognized authority upon aquatics and everything pertaining to aqua pura, Mr. Tricker, who in the character of Father Neptune directed us with his trident to the spot where these charming varieties are in full glory. The newer kinds are particularly interesting. Doogueana, Falconeri and O'Marana are among the cream of the collection. Some seedlings of great promise are being zealously guarded. The Victoria pond is in readiness to receive its royal guest, and the variety Trickerii will excell in all respects its predecessors. This picture would not be complete without the fine collection of bamboos, some of which are indispensable in an aquatic garden.

Owing to the dry spell following the heavy and continuous rainfall, stock out of doors is not looking so well as we have seen it, a good rain will materially assist its advancement, particularly the herbaceous garden.

I took notes of a few new and desirable commercial plants, of which I will give our readers the benefit later with illustrations; some new varieties of ferns and begonias. In the latter the kinds named Princess Carl of Denmark in the Rex class and Gloire de Lorraine in the flowering section, are gems of the first water.

As previously reported, changes are intended in a block of houses to conform with latest ideas. These will be carried out at an early date.

Rex.

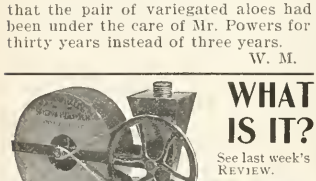
SPRINGFIELD, MASS.

The annual rose show of the Amateur Horticultural Society was an unusually fine display and was very successful. In addition to roses there were exhibits of sweet peas and a host of other flowers in season.

HALIFAX, N. S.

In the notes on page 53 of The Review for June 16 it should have read that the pair of variegated aloes had been under the care of Mr. Powers for thirty years instead of three years.

W. M.



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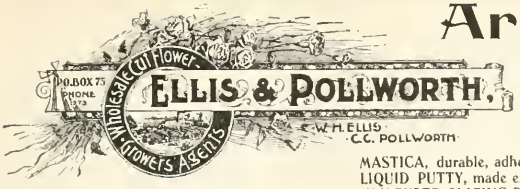

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Florists' Review....

TORONTO.

The dull season has evidently set in and there is very little doing with either plants or cut flowers now. However, although trade may be dull, the growers are all busy tearing out and planting in their houses. After that is done a little recreation will be in order, and the annual excursion of the Gardeners' and Florists' Association, to Victoria Park, Niagara Falls, having been set this year for July 28 should just about catch everybody at the right time. The secretary will send notice as to time, fare and boat in due course.

The weather has been very dry lately and a big wind with hot sun on Sunday was very exhausting to vegetation. The hose has been much in requisition and those who bought hose at bargain day prices have been getting a little experience. I think I may say that as an incentive to profanity, cheap hose stands unrivalled. Good hose costs more, but by buying it you save money, and in all probability your own soul in the bargain. This little digression is solely for the benefit of the subscribers of The Florists' Review.

Is it not getting time for one of those friendly cricket matches to come off? I don't play myself, but I heard some of the boys mention it the other day, and the club wants a little practice to be able to lick Brampton later on.

E.

EASTER DATES.

In a catalogue recently issued by W. W. Rawson & Co., Boston, appear the dates for Easter for many years ahead. This is a matter of interest to all florists and Messrs. Rawson are entitled to the thanks of the trade for publishing this interesting information.

COUNCIL BLUFFS, IA.

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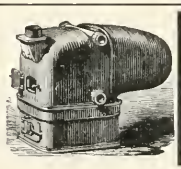
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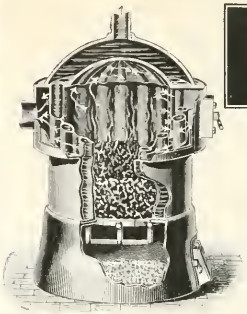

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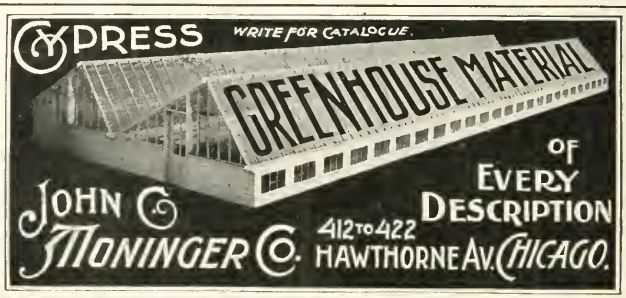

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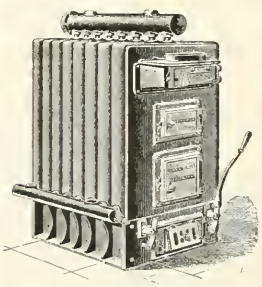

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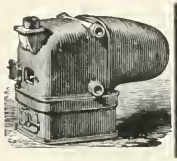

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OMAHA, NEB.

The Exposition.

Following is an official list of exhibitors in the horticultural department of the exposition.

In Horticultural Building.

California (Los Angeles Co.)—Grapes, oranges, lemons, olives, nuts, etc. Frank Wiggins and Chas. Wilson, superintendents.

Missouri—Fruit, canned and fresh, of all sorts, in season. G. A. Atwood, superintendent; Arthur Nelson, acting superintendent. On Missouri day, August 30, a carload of peaches will be given away.

Montana—Canned fruit exhibit. W. A. Sutherland, superintendent.

Kansas—Canned fruit. A. H. Greff, superintendent.

Iowa—Canned and fresh fruits. A. F. Coleman, superintendent.

New York—Siebrecht & Son's exhibit of palms and decorative plants. J. Austin Shaw, superintendent.

Idaho—Fruits.

Nebraska—Fruits. Peter Younger, Jr., superintendent.

Nebraska—Flowers and plants. L. C. Chapin, superintendent.

Douglas County, Neb.—Flowers and plants. J. J. Hess, superintendent.

Illinois—Fruit. Henry M. Dunlap, superintendent.

Colorado—Fruits and plants. Martha A. Shute, Supt.

Oregon—Fruits. J. E. Courtney, superintendent.

Wisconsin—Fruit. L. G. Kellogg, superintendent.

On the "Bluff Tract."

H. A. Dreer, Philadelphia.—Three Victoria regia and twenty varieties of aquatic plants.

W. Atlee Burpee & Co., Philadelphia—Cannas and roses.

W. W. Wilmore, Denver, Colo.—Dahlias.

Siebrecht & Son, New York—Cannas, agaves, Japanese maples, evergreens, rhododendrons, azaleas, etc.

Nebraska Seed Company, Omaha—Caladiums, cannas, verbenas, pansies, phlox.

J. C. Vaughan, Chicago—Cannas and pansies.

L. Henderson, Omaha—Geraniums and petunias.

B. Haas, Omaha—Ageratums.

E. C. Erling, Omaha—Gladioli and verbenas.

Hess & Swoboda, Omaha—Roses.

R. H. Davey, Omaha—Cacti.

J. F. Wilcox, Council Bluffs—Bedding plants.

Chapin Bros., Lincoln, Neb.—Bedding plants.

Moon & Co., Morristown, Pa.—Dahlias.

Douglas County, Neb.—Cacti, agaves, lantanas, verbenas, cannas, petunias.

You will perceive that the East is but sparingly represented. In the building itself, of Eastern exhibitors, Siebrecht & Son, of New York, have the only display, and it is certainly a credit to this enterprising house. It consists of many of the finest plants from their conservatories. In the grounds are dahlias from Moon & Co., cannas and roses from W. Atlee Burpee & Co., and aquatic plants from Henry A. Dreer & Co., and so much to my surprise, ends the practical interest of eastern horticulturists in that great enterprise. No such opportunity for valuable and extensive advertising is likely to occur here again for a generation.

The exhibits in this building are now almost complete. In another week everything will be ship-shape and the display as full and attractive as any in the exposition. The management have handicapped the horticultural exhibitors by their failure to put an entrance gate near the Building, but they have promised to remedy this in the near future, and with the prospective locating of the Indian tribes on the "bluff tract" the attractions promise to equal any on the grounds, and the necessary crowds that go so far to make an exhibit encouraging, are likely to move in this direction.

Business and Weather.

In another letter I will endeavor to make you better acquainted with the florists of this city, and its environs, so that you will feel at home when you come to the convention in August. Business feels the effect of summer weather and dullness. Weddings are not numerous, and the state and city are so healthy that funerals are few. The breezes blow, every day and generally all day, and the air is full of ozone, clear and sweet from the mountains. No matter how hot the days, the nights are cool and refreshing. The sun is hotter than any sun I ever met before, and since the three weeks of rain are over, has looked out of cloudless skies.

The Convention.

This city is young—only 44 years since its birth—and yet it has progressed like a young giant. To those of you who have never visited the so-called "west" it will be a genuine surprise. Here, one dare not call this "the west." Look at your map and see that it is the very centre of this great country. Boston is no longer the "hub."

I trust the enthusiasm will grow east as to the convention. It will be the most enjoyable ever held in this country and no one who can spare the time and money, can afford to miss it. The florists here are united and enthusiastic, and will work hard in your behalf. But you must all hold up their hands. Write Mr. Donaghue, Sr., your Vice-President, and Mr. Stewart, the superintendent of exhibits, for information. The church secured for the convention meetings and exhibits, is just the place for such a gathering. There is ample room for all purposes, especially if the schoolroom is utilized for the palms and plants. All parts of the building are light and convenient, and I am confident the best people here can be interested and will lend their patronage.

Various Notes.

Mr. Hess is entertaining his brother from Germany this week, and contemplates a pleasure and business trip next month to Philadelphia, Washington, Boston and New York.

Mr. DeLaney, of South Omaha, is building a greenhouse this summer and preparing facilities for his increasing business.

The exposition has provided a good deal of extra and remunerative work for many of the Omaha florists, and most of them look happy and prosperous. Mr. Henderson is decorating the Kansas building for "Kansas Day," Wednesday, and Hess & Swoboda have the decorative work for "Illinois Day," Tuesday. New York Day is July 6th. The New York building is approaching completion. The New York state florists will find this haven a restful one when they visit the exposition in August.

Mr. Wilcox, of Council Bluffs, "the young giant of the west," is as busy as ever, and his business is apparently limitless. He is building three more immense rosehouses this summer, and next season contemplates a range of houses for the exclusive cultivation of palms. It looks like a good business venture, and Wilcox has the reputation of "never having made a mistake." If he had he couldn't have his foot on over 300,000 sq. feet of profitable glass.

Bowling.

You will see by the bowling reports that Mr. Wilcox believes in occasional recreation, in fact the bowling club here has made up its mind to capture the trophy this year, if St. Louis will ever let up on its phenomenal work. They think they have Chicago and Buffalo whipped already, and are keeping their eyes on Flathush.

Following are recent scores by the Omaha Florists:

Monday, June 13.

						Av.
Wilcox	142	165	189	191	213	174
Davey	126	155	202	214	...	174
Chapin, L. C.	133	139	152	155	206	157
Shaw	144	144	178	...	...	155
Stewart	141	143	147	173	...	151
Henderson	133	138	134	159	...	146
Hadkinson	129	164	...	...	...	146
Donaghue, Sr.	133	152	...	...	...	142
Chapin, H. A.	106	114	136	137	...	126
Hodson	104	149	...	...	...	126

Thursday, June 16.

						Av.
Donaghue, Sr.	126	141	215	166	166	163
Wilcox	173	139	170	154	149	157
Davey	175	134	171	154	148	156
Shaw	157	114	132	192	167	154
Stewart	151	130	116	136	179	143
Henderson	137	132	103	...	...	123

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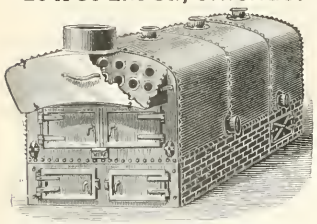

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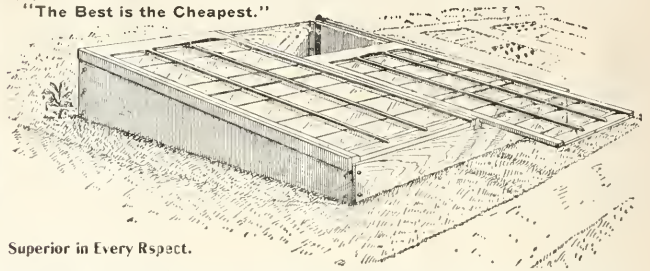

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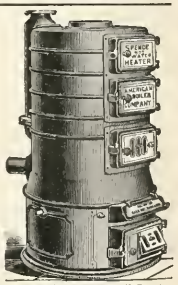

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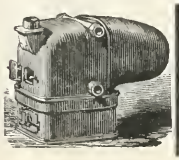

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THE WEEKLY
FLORISTS' REVIEW

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LATANIA RUBRA.

The true latanias, among which the above species is numbered, are comparatively rare palms, and are quite distinct from the plant we so commonly term latania, the latter palm being correctly named livistona. This mixing of botanical names is unfortunately quite frequent among the palms, and makes these noble plants a decidedly perplexing study to the beginner, for in many instances what has doubtless been merely a provisional name has been handed down as the proper title, and naturally results in much confusion whenever the revision of any particular genus is attempted.

Latania Rubra.

Latania rubra, or L. Commersonii, as recent authorities designate it, is by no means common in trade collections, though introduced from Mauritius about 120 years ago, and beautiful as this species undoubtedly is, it is hardly probable that it will take a prominent place among florist's palms, owing to the fact that in a young state it is too slow a grower.

The leaves of this latania are fan-shaped, dark bronzy green in color, and deeply divided into narrow segments, the latter being edged with dull chocolate color and slightly armed with fine spines. The leaf stems or petioles form quite an ornamental feature in this plant, these being comparatively long, quite smooth and dull crimson in color. So far as can be gathered the latania in question may be safely counted among dwarf palms, its ultimate height being placed at seven to eight feet, and while the largest plant that I have seen was only about five to six feet high, yet this gave no evidence of having completed its growth, and under good cultivation it is quite likely these dimensions may be considerably exceeded.

As an East Indian species and being probably found in the lowlands near the coast, we find that this latania enjoys warm house treatment, and also abundant moisture. The soil should be rather light, and preferably containing a good proportion of peat, and the pots well-drained, large pots and frequent disturbances of the roots being things to be avoided. A shaded house and a temperature seldom below 70 degrees are other points to be remembered, while attacks of scale insects should be watched for, and promptly met, for though the leaves are quite hard yet they are soon marked by insects.

Propagation is effected by seeds, and in regard to the seeds is found one strong distinction between the latanias and the livistonas, the former

producing three-seeded fruits, while the fruits of the latter contain one seed only. W. H. TAPLIN.

LIQUID MANURES.

Would you give me through the columns of The Review some idea how to construct a manure tank to hold say, 500 gallons? We have a splendid force of water and propose by shutting off the city water with an arrangement of valves to utilize the same pipes for liquid manure distribution. Also some idea as to whether animal manure or chemical fertilizers should be used, and the proportions.
J. H. H.

To supply the nourishing elements in liquid form for plants during their growth, if done judiciously, is to my experience the most efficient and facilitating method to further their growth. Like every other way in which to supply food, it can be overdone, given too much or too strong for the plants to digest, and the result is often injurious when not destructive. This is accomplished so much easier in the liquid form than when supplied in the soil or given in the form of a mulch, and can be supplied in quantities as required by the plants from time to time.

The water absorbed by the roots carries the nourishing elements into the plants for assimilating, so if the liquid contains too much of these elements and the plant is in a condition to absorb it too rapidly more food is taken up than can readily be digested. Again the liquid may be in a raw condition, not fully decomposed, and a thirsty plant will take it indiscriminately, taking up food which is uncongenial, indigestible and injurious. Further, it may contain much more of one ingredient than is required, and this unbalanced condition of the required elements, constituting plant food may render it ineffective, when not injurious, for we must not forget that we give it in water and any ingredient in a soluble condition will be absorbed. On the other hand, if judiciously prepared and applied, it is the best method in which to give nourishment, to deal out the food in rations as required, and shows immediate effect.

We infer from this that the material should be carefully selected and well decomposed so it is ready food, and given in a mild form, but given often. In fact, if a sufficient portion could be given with each watering the best results would be obtained. If we have any knowledge of what parts our soil is most deficient, this can be supplied in larger quantity, and the use of the liquid made more effective. Some advocate changing the diet; that is, to give at one time a larger proportion of ammonia and the next time more potash, but to my experience it is just as well, if not better, to mix all together like these elements are present in what we call a rich soil.

Geo. Wittbold's New Store, Chicago.

Now to answer the inquiry more specifically, I will describe the construction of our manure tank and its workings. I have given the matter quite a good deal of thought, and the way our tank is now constructed has proved very satisfactory. As to the capacity, a tank of this kind can be built of any dimensions from a hundred gallons capacity to several thousands. In the first place, the location should be where the temperature will not fall below 60 degrees or where the contents can be kept at that temperature. As fermentation, decomposition, will only take place in a warm atmosphere, a warm location is of the greatest importance.

Our tank is built of brick and is cemented. It is built in two equal parts, separated by a partition, each being 4 feet square on the inside and 5 feet deep, and each holding about 600 gallons. So what we call our manure tank is more correctly two tanks connected. One of these is built three feet in the ground, the other stands two feet higher, and is consequently only one foot in the ground. On the side most convenient to approach a 2-inch pipe is walled in the partition 2½ feet up from the bottom of the upper tank for the purpose of drawing off the liquid from the upper tank into the lower. The walls of the upper tank are 12 inches thick, the lower tank being over half in the ground; 8-inch walls are sufficient, so if the walls are built flush on the outside the lower tank will hold more, having only 8-inch walls. An 8-inch wall for the partition is strong enough. My space did not permit, otherwise I would have built the lower tank to double its size, at least large enough to hold 1,000 gallons.

It will not be out of place here to mention that our houses are piped for the distribution of the liquid manure and are worked with a hand force pump. One man can easily manage the pump to run it to the most distant houses. This same line we use in winter for tempering water running through a coil of pipes in a small steam boiler, drawing the water from our regular waterline with the pressure from the city waterworks.

To commence operations we place the raw material in the upper tank, enough so it will cover the bottom, from 6 to 8 inches deep, and then fill up with water to the connecting pipe, or the tank half full, and stir up well. It will take from two to three weeks for the decomposition of the first material. When decomposed enough for use the solid matter will all have risen to the top; then fill the tank up to the top and stir all up well. In about one hour the whole of the solid matter will have settled to the bottom, when the clear liquid can be drawn off through the connecting pipe into the lower tank for use. This should not be delayed, for in one to two hours' time the solid matter will commence to rise and the clear liquid become riled again. In one day the whole of the mass will be on top again and the same filling up and drawing off can be repeated.

This is the process of leaching out the decomposed soluble matter. After two or three times drawing off we fill in small quantities of fresh material, which will decompose very rapidly being mixed with the older material in full fermentation. The stirring and filling up with fresh water causes a temporary cessation of the fermenting process and everything settles to the bottom, so there is scarcely any danger from the fresh undecomposed material. When accumulating too much in the tank, being too cumbersome to handle, some can be taken out with a shovel when the whole mass is on top. It should not be allowed

to become too full, as it will interfere with the drawing off of the clear liquid.

To keep our tank in operation in this manner it has a daily capacity of 300 gallons clear liquid manure. Of course this is much diluted, but amply strong, and for reasons stated before much more preferable and safer than when stronger. We use it mostly in our carnation houses every week and sometimes oftener, but where and whenever we use it, it takes the place of a good watering.

Now as to the material we use. Fresh clean cow manure furnishes the base, and of this we use the most; next in small quantities we use hen manure. Sheep manure is undoubtedly an excellent material, but as it is a strong manure, must be used carefully the same as hen manure. Next we use bone meal and sulphate of potassium. Good care must he taken so no lime will get in with it, consequently no ashes can be used, as the lime will set the ammonia free, and one of the most powerful parts be lost. To supply the potash wanted, we use sulphate of potassium, which besides has the property of binding the ammonia. All animal fertilizers we use fresh in order to get the whole strength. This is the material that we generally use, but there are many other fertilizers that could be used to advantage; in

Geo. Wittbold's New Store, Chicago.

fact, everything that will decompose and can be converted into plant food. Commercial fertilizers can also be used, especially if it is desired to make the liquid stronger, and I believe when used in combination with the common manures, will lose much of their harsh and often injurious effects, at least in inexperienced hands.

Of course all these materials have to be used judiciously, in quantities according to their relative nature and strength. We use the above mentioned manures in about the following proportionate quantities. Say with one barrel of clean fresh cow manure we use about a half bushel of strong hen manure, an 8-inch pot of bone meal and a 3½-inch pot of sulphate of potassium. This may be nearly enough for the beginning, then add while in operation one-fourth or one-fifth of this in proportionate quantities. We also use a fertilizer manufactured here in Lafayette from the offals of a slaughter house, consisting mostly of dried blood and bone, and find a 5 or 6-inch pot full once in a while very efficient.

There are other little things facilitating the work that will bear mention. In order to stir up and at the same time fill up the tank with water previous to a drawing off, we use a piece of ¾-inch pipe long enough to reach conveniently to the bottom, with an L on one end and attachment to connect a hose. With this pipe we run the water to the bottom of the tank and it proves a very effective stirrer, especially if there is much pressure behind it. For to break the mass on top we use a hoe or the stream of water direct from the hose. When we draw off we hold a common wire skimmer, as is used in the kitchen, attached to a long handle over the pipe in the upper tank for a strainer to prevent any floating pieces slipping through that may cause trouble in the pump. The connecting pipe is closed with a wooden stopper, that is easily removed and replaced again. It will bear repeating that a warm temperature is required to keep the tank in operation. FRED DORNER.

HERBACEOUS PLANT NOTES.

Though this summer has so far been remarkably dry with us, the hardy pentstemons are in excellent shape since the middle of June and being so very floriferous they are conspicuous in the borders even in June and July, when hardy flowers of every description are so very plentiful. P. barbatus hybridus in its various colors, ranging from very light red and scarlet to deep purplish carmine, has the same habit and vigorous growth as the old P. barbatus, but the size of the flower is greatly improved. The long tapering panicle with its many

branchlets is loosely set with the bright tubular flowers, which open out in succession lasting for a long time in perfection. P. Torreyi is a trifle smaller in the flower, but is a most desirable variety on account of the deep bright red color, while P. b. Youngii is of a lovely amaranth shade and bears much larger flowers with the same profusion as any of the others. All these grow to a height of about three feet. P. Murrayanus is not so tall as the former. The panicles are more slender and more closely set with flowers of a very deep dark red, the tube is narrow, about 1½ inches long, and the foliage is broader and has a glaucous appearance; a very distinct and desirable species.

P. laevigatus digitalis has large white and open flowers, arranged in a rather compact thyrse on strong erect stems 3 feet high or over. It is a bold plant when in bloom and deserves more attention. It has been neglected for a long time, though I really can see no reason for this slight, because this penstemon is not only very showy in a border or shrubbery, but also one of the best for cut flower purposes, though all are good keepers and are frequently used in a cut state. P. pubescens is rather dwarf, generally about 1½ feet high, a very profuse bloomer, sending up many stems which bear loose thyrses of very pretty medium-sized flowers, white combined with pale purple or lilic. This is one of our native plants, but in a wild state the flowers are much smaller, the stems few-flowered and often the color is a very dull purple. Under cultivation and by selection all these faults have been remedied and we have now decidedly elegant flowers, very freely produced for a long time during the summer months, while the original plant seldom blooms later than the middle of July.

The above are all perfectly hardy with us, requiring no protection of any description, while P. Clevelandii, P. Jeffrayanum, P. heterophyllus, P. spectabilis and some others are not to be relied upon in our severe winters, though with some protection they often come out all right in spring. They are propagated easily by division or when stock is scarce cuttings can be made in spring or after flowering time is over. These cuttings will root freely inside of a few weeks when inserted in a frame and shaded from the sun. A light and open soil is best for them, but to obtain the best results, especially when grown for their flowers water should be freely applied during our dry and hot summer months where the ground is not naturally on the moist side, yet even in such dry situations as on our own borders they have done surprisingly well and we never yet could spare the time to water any of our hardy plants.

Oenotheras, I mean the real hardy perennial species, not biennials, are indispensable in the borders. Their large and showy flowers, springing from the axils of the leaves as the growth elongates, are produced during the whole of the summer months until September, and bright colored patches among the green foliage of late fall blooming plants or along the edge of the shrubbery are always acceptable. O. glauca Fraserii is a free growing, rather dwarf, semidecumbent plant, a foot or so in height, with glaucous, oblong foliage and brilliant bright yellow flowers. O. taraxacifolia is a little taller in growth, with slightly pubescent, serrated foliage and very large and open white flowers. O. Youngii grows 15 to 18 inches high, has lanceolate foliage, deeply toothed and large deep golden yellow flowers, darker than O. glauca, produced with the same freedom and at the same season.

O. speciosa comes out white, but after a few hours turns a lovely light pink shade; the flowers are very large and open, the leaves deeply serrated, hairy beneath and grows 2 feet in height. O. rosea is a lovely dark rosy pink flower, with small ovate leaves, rather dwarf and compact in habit, only 6 to 8 inches high. This beautiful plant is a little tender and should be planted in a well sheltered spot or else receive a liberal covering of some kind in winter. The old plant will die down invariably, but the long, wiry underground runners are ready to start out when spring opens, the same as the runners of O. speciosa and many others of the family. A light soil and a fair amount of sun seems best suited for their welfare.

Scabiosa caucasica has been in flower since June 1st. S. c. connata is a larger flower, often being more than 3 inches in diameter, the color also is decidedly improved, pale blue, and with us at least it flowers continuously until severe frost sets in. We had it in bloom last year as late as November 20th. The foliage has a glaucous hue, is lanceolate and much divided; the plant grows 15 to 18 inches high. S. c. alba is a desirable white variety blooming with equal freedom. The flower heads are about 3 inches in diameter and the foliage is not lacerated or divided into so many segments as in the type. S. ochroleuca is an old free blooming favorite with pale straw colored flowerheads, smaller in size than any of the above named, but bloom is produced in such great quantities that size and quality may be overlooked for once. All are excellent for cuttings. They have long wiry stems and last well in water. Any ordinary light garden soil will suit them admirably and they propagate readily by division in spring. Fall division is not recommended because we can ill afford to sacrifice the late crop of flowers, which at that time are so useful in brightening up the borders.

Among the many campanulas in flower at present we should mention C. Van Houttei, with remarkably long, large, drooping, light blue bells, arranged almost along the full length of the stems, which are about 2 feet high; also the beautiful pure white C. trachelium fl. pl. The flowers are not so large in this species, but they are arranged closer along the stem; both last for a long time in perfection. The first named will bring an abundant second crop in late autumn.

C. punctata is another of the large, pendulous flowered species of great lasting qualities, pure white on the outside, but in the throat thickly spotted with small red dots; height about 15 to 18 inches. C. garganica is a very neat dwarf compact growing plant, covered with erect, light blue bells until September. When once well established in a spot it forms a dense cushion-like mass and then it is a most beautiful object, either in the border or on the rockery. J. B. KELLER.

ALTHAEA MEEHANII.

(Althaea frutex-Hybiscus syriacus.)

This is by far the best of all variegated leaved Althaeas. It may be a variety known under a different name, but most diligent research failed to find any reference to it in any of the European or American horticultural publications, and when we received it twenty years ago from our old friend Thomas Meehan and found its desirable qualities, we gave it the name of its popular introducer.

The habit of the plant is very compact; leaves broadly variegated with yellowish white and never scorched by the most intense hot weather, as is the case with many of the other forms of variegated althaeas. Flowers very large, single, bright light violet and carmine base—produced in great profusion during the whole summer.

P. J. B.

AMONG CHICAGO GROWERS.

Bassett & Washburn's.

Bassett & Washburn's immense establishment at Hinsdale is always interesting. Some notes on roses made during a recent visit will be found in our rose department in last issue. At this place six painters are now at work. Mr. Bassett believes in paint, and an average of four painters will have steady work here for the next ninety days. He don't give every house a coat of paint each year, but aims to have none pass the third year without a coat. The painting is generally done soon after the house is replanted for another season. Mr. Bassett feels he can't afford to have a house idle for a single day and has never noted any ill effects to the plants from painting while they are in the house at a season when ample ventilation is required anyway. He holds that the age of a house has no bearing on the product if it is kept up as it should be. His oldest commercial houses are now in the ninth year and he gets just as good and just as many flowers from them as from the newest ones. He has been fortunate enough never to have any diseases or insect pests to

Althaea Meehanii.

contend with. Says they may yet appear, but that he won't worry till they do.

They have now purchased the big Mitchell greenhouse (which they had at first leased), together with a lot of land 600 feet square, and are thoroughly remodeling the house. This house is 50x600 feet and 12 feet high at the ridge and was first used for vegetables and later for roses. All the timber supports have been taken out and iron pipe substituted. Ventilators have been added at both back and front, and new heating arrangements supplied. Benches with tile bottoms are being put in and there will be seven of these, each about five feet wide. The benches will carry six inches of soil and the house will be devoted entirely to carnations. They will have 30,000 plants this year ,a few Daybreak and Scott, but mostly the newer and fancy sorts, including Jubilee, Mrs. Bradt, Triumph, Gold Nugget, Pingree, Flora Hill, Mary Wood, Dazzle, White Cloud, Evelina and other new sorts. With them Mrs. Bradt paid big returns last year. From 500 plants they cut from 50 to 150 flowers a day and they all sold quick at from $5 to $10 per 100, the average being nearer the higher price. In their new carnation house a bench of Jubilee is already planted. "It's a good carnation," said Mr. Bassett, "but we are ready for one of similar color and stem without its faults. We would like one that is a better producer and that is not so subject to rust." In one 200-foot bench he is going to plant a lot of varieties together, one or two hundred of each and note results. Last year they grew 200 Jubilee in the field during the summer, but they didn't amount to anything. If grown at all they must be grown under a glass all summer, is their experience. Their plants of Flora Hill have not done very well in the field. They have lost about 20 per cent of the plants from stem rot. Think the plants may have been planted out too early and that the cold may have brought about a check that induced the disease, and that some of the plants may have been set too deep in the soil when planting. Recent heavy rains have flooded a part of their carnation field.

Of chrysanthemums they will grow about 25,000 this season. Their leading varieties are Ivory, Whilldin, Robinson, Mrs. O. P. Bassett, Bonnaffon, Jerome Jones, Domination, M. M Johnson, Dailledouze, Kate Washburn and Mrs. E. G. Hill, with a scattering of other sorts. Jones is one of their best. Ivory a standard and Domination still sells best of any. They will aim to grow only moderate priced flowers rather than special extra quality. They find that all rank growing sorts do best in solid beds. From these beds they get finer flowers and a bigger and stronger stem.

They follow their mums with Harrisii, of which they will force 40,000 bulbs again this season. They have had no appreciable loss from disease, and less the past season than in previous years. After the Harrisii flowers are marketed the houses are devoted to young rose stock. The first lot of Harrisii bulbs reaches them the latter part of July and the remainder in August. All are potted up when received and stood on the ground outside and covered with straw. They are taken inside in batches to keep up a succession of flowers. So large a number of pots as 40,000, varying in size from 4-inch to 6-inch, naturally takes up a good deal of room and there is some crowding at times, and considerable moving around of the plants is necessary to bring the crops in as wanted. They aim to have the flowers from about a third of the bulbs marketed by Christmas.

They have 150,000 valley now in cold storage, but made nothing on valley last year. The price of valley now rarely averages over $3 a hundred and freight and cold storage makes the total cost of the pips close to $15 a thousand. Then deducting the pips that fail there is nothing in it at $3 a hundred spikes of bloom. Still they must have valley for their trade.

In other bulb stuff they will this season force 50,000 tulips and 30,000 Von Sion.

They use galvanized iron rods for staking and have about seven tons of these in use on the place.

W. N. Rudd's.

At Mt. Greenwood, W. N. Rudd's chrysanthemums are well advanced. In a bench of Mrs. Jerome Jones the plants will average two feet in height, and there is a lot of Ivory that will average a foot high. In white sorts he is growing this season Midge, Mrs. Geo. S. Kalb, Ivory, Pink Ivory (which with him comes white, and the plants are taller and the blooms larger than the original Ivory), Souv. de Petite Ami, Mayflower and Mrs. Jerome Jones. In Yellows he is growing Yellow Queen, Harry Hurrell, Bonnaffon (the banner yellow), Modesto (largely), Dailledouze, and his yellow sport from Mayflower. In pinks he has Murdock, Morel and Perrin, but is still looking for the ideal pink. He grows only a few reds, all Defender and Childs. He has a lot of his bronze variety, Mrs. Arthur Caton, and won't allow it to take a back seat, whatever the critics may say. He has a few of the new varieties on trial.

In Carnations, Jubilee is again his leading variety. Other sorts in quantity are Pingree, Flora Hill and Mrs. McBurney, these three being in about equal quantity. He was so favorably impressed with Cerise Queen that he will bench 1,000 plants of it. Jubilee and Pingree were last year his most profitable sorts. He holds that a carnation must have stem or there is no

hope for it. Flora Hill lacks in stem till toward March, when its stem is as good as any. But he knows of no large white with a better stem than that of Hill. He was favorably impressed with Evelina and would have tried it had he had room. It was the same with Gold Nugget. Pingree had done well with him and he didn't have room for both.

Rose Queen lasted only one year with him. It was a great winner the first year and then dropped absolutely out of the race. McGowan seemed to want a lighter soil than his. Eldorado and Kitty Clover have been dropped from his list. Mrs. McBurney leaves no room for Daybreak with him, and he was never able to get high quality in Scott, though for a fair average quality he considers it still the biggest money-getter. Tidal Wave is still good when well grown, but he will let some one else do the growing.

He uses considerable lime and wood ashes in his soil. It is thought that the lime and potash give strength to the stem.

There is an interesting collection of hardy plants at this place and some of the new penstemons are very attractive. Mr. Rudd is trying to find a variety that he thinks would take with buyers if the flowers were put on the market at a suitable season by forcing them into bloom. He has quite a number of lychnis, including the Haageana varieties as well as a liberal quantity of chalcedonica. There is also an excellent collection of delphiniums and a lot of miscellaneous hardy stuff.

A patch of Hydrangea paniculata grandiflora was remarkably bushy and sturdy. Mr. Rudd says this has been one of the most profitable things on the place. He cuts them hard back every year in early spring, leaving only one or two eyes of last year's growth to each cane. This hard pruning assisted by a heavy mulch of manure and lots of water brings huge heads of bloom on long stems that find ready sale at good prices. He questions whether they could be overfed or overwatered, as he has given enormous quantities and it always seemed as though they could have used a little more.

Mr. Rudd grows no roses under glass, but has had splendid success with Testout as a bedding rose. He believes that more attention should be given this rose as a bedder.

He is also very favorably impressed with the new hardy semi-double rose, Agnes Emily Carman, a hyhrid between rugosa and Gen. Jacqueminot. The Penzance hybrid sweet briars are also doing finely with him and the Crimson Rambler is distinctly in it, too.

Speaking of the use of hardy flowers he said that a funeral arrangement he made recently of Harrisii lilies and delphiniums was unusually effective and was most favorably commented upon.

He has just been trying the Fairmount weed killer on weeds in a gravelly drive and found it did the business in great shape. Action was almost instantaneous and the effect seems permanent.

All who visited the last Chrysanthemum Show will remember the magnificent geraniums grown by C. W. Johnson, the foreman at this place. Mr. Johnson has another lot under way for the next exhibition and is growing a number of the plants in standard form. He also has some plants of Mrs. Pollock and other foliage sorts that he is growing into specimens. The plants are now in large pots set wide apart on the bare boards of a bench in one of the houses.

H. & R. Hilmers.

The establishment of H. & R. Hilmers, at Blue Island, is devoted wholly to the production of flowers and plants to sell at their city store, and a great variety of stock is grown. In roses they grow only Brides, Maids and Meteors. Their soil is the light prairie muck and Beauty and Perle do not do well in it. Their carnations are mainly Daybreak and Wave, but they have Triumph and Jubilee and are trying Argyle and Evelina.

The chrysanthemums are largely Bonnaffon and Jones, and they also have Murdock, Mayflower, Ivory, Morel, Bergman, Robinson and Frank Hardy. They follow their chrysanthemums largely with gladioli, the bulbs being planted about 4 inches apart in the same soil after the chrysanthemums are cleared out. Some beds are planted with Princess Alice stocks. The seed is sown in flats in December, the little plants potted off into 2-inch pots and later planted out about ten inches apart on the old chrysanthemum beds, the soil having been dried out in the meantime. They have found this stock very profitable as a cut flower. They also grow some Snow Crest daisies and pansies in the same way.

Mr. Geo. Schmitt, the foreman here, says that the sale of cannas has been short of expectations and that he has received instructions to grow cannas in hundreds where he grew thousands before, and to increase the number of geraniums. It is thought, however, that the falling off in their sale of cannas may be due to the extremely low prices at which cannas were offered this season by a local seedsman and florist. With this party offering started plants at 3 and 4 cents each there was not much chance for others. In geraniums they grow S. A. Nutt, La Favorite, Beaute de Poitevine, Emile de Girardin and Heteranthe. They have had so much trouble with disease in their Double Gen. Grant that they are now dumping their stock on the refuse pile.

They have a lot of hardy stuff planted out and several rows of delphiniums were very gay. They retail the spikes at 50 cents a dozen and consider them quite profitable. Paeonies were small this year, but are usually a profitable crop. They have several rows of the bachelor button, one of the common field daisy and of Coreopsis lanceolata, etc. A lot of lilacs that were forced last winter are now planted out in the field to recuperate and be ready for another forcing.

A lot of evergreens that came from the World's Fair are in splendid shape. Evidently the soil and conditions suit them perfectly.

E. Buettner's.

Last year Mr. E. Buettner, Park Ridge, forced 8,000 Harrisii and 3,000 Japanese longiflorum. This year he will force 8,000 Japanese longiflorum and only 2,000 Harrisii. Last year he made on his Harrisii only one-quarter of what he did on his longiflorum. This is explained by the fact that he lost about 60 per cent of his Harrisii by disease and he doesn't care to repeat the experience. He finds that in the Japan longiflorums there are several varieties, and one, the longiflorum eximium, is very similar to Harrisii. He believes this and the Harrisii are practically one and the same, the slight difference being due to cultivation in a different climate. Among his Japanese bulbs he had a variety with brownish stem and with a little brown on the back of the petals of the flower, which he learns is known as longiflorum takesima. He has had no difficulty in getting the longiflorum into bloom as early as the Harrisii, and in fact part of his flowers came earlier than he wanted them.

He still grows valley, but only enough for a special customer and says there is no money in forcing valley at the prices ruling the last few years.

In other bulb stuff he forces 60,000 tulips, 10,000 miniature Dutch hyacinths and a few Von Sions and Paper Whites. He grows this stock for a special customer and would not grow it if it had to be sold in open market. For last Easter he had a fine lot of Horsfieldii narcissus, but had trouble to get his money back for the bulbs. Although the flowers were superb they wouldn't bring more in the market than the other sorts, and as the bulbs cost a great deal more he was out of pocket by the transaction.

La Reine is his leading tulip. He grows it pink for the earlier part of the season and white for Easter. He begins to cut flowers the first week in January and the flowers come pink then without any special treatment. Later on, in February, he leaves them in the regular tulip house till they get a good long stem and then places them in a house with a temperature of 35 degrees, where they remain about two weeks to color up. Any sort of a sharp check when the buds are in bloom will bring out the pink color. Some growers get the color by growing the bulbs very cool all through, but flowers so grown will be deficient in stem. Others accomplish it by growing them under the benches, but this has also its drawbacks.

For a yellow tulip he grows Mon Tresor. It is a better flower than Yellow Prince, but the bulbs are twice as costly. He also grows a few Proserpine. He has dropped the scarlets, as this color don't seem to sell well any more. Vermillion Brilliant is the best scarlet, if that color is wanted.

He is growing about 15,000 chrysanthemums this year, mostly Robinson, Bonnaffon, Ivory and Mayflower. In pink he grows Perrin and Pink Ivory. To get the beautiful pink so desirable in Pink Ivory he grows it in a shady north-facing house. Here it has a delightful pink shade, while with exposure to the sun it comes almost white. He discovered this peculiarity through the assistance of a wide purlin in one of his houses. Where this purlin threw shade across a bed of the Pink Ivory there was a streak of pink, though the rest were almost white. He acted on the hint and now gets his Pink Ivory all pink.

He grows all his mums on benches and part of them in boxes. They can be planted early in the boxes and later moved into houses that had contained young rose stock up to time for benching. The mums are followed by lilies and by the time the lilies are gone the houses are again wanted for young rose stock.

Wietor Bros.

In our issue of June 23 we stated that Wietor Bros. had about 160,000 feet of glass. The figures should have been 225,000 feet. Their Meteors to cut from will number 7,500, and their Maids 5,500. In carnations they will have 6,000 to 8,000 each of Triumph and Armazindy, 4,000 McGowan, 3,000 Jubilee, 2,000 Flora Hill, 1,000 each of Argyle and Mayor Pingree, 500 Evelina and 250 Bon Ton.

LONGIFLORUM LILIES.

From "N. R. H." comes the following: "Would you please tell me through your columns when to pot up L. longiflorum for Easter; also what size to plant. I want some single bulbs in 6-inch pots, some in 7 and 8-inch pots with two, three or as many bulbs as it takes to fill them. Please tell me the best methods of culture and such hints as may be useful."

The Lilium Harrisii or so often called the Bermuda lily begins to arrive in this month (July) and by end of August all orders are filled, but the longiflorum is later and many of the bulbs don't reach us till September, and if Easter is early there is no time to be lost from the day of arrival till they are in flower. Last year if it had not been for the extraordinary fine and warm March we would have had a good many hundred longiflorums wasting their sweetness two weeks after Easter festivities were over, so as soon as bulbs arrive get them potted at once. If you are short of bench room place them in a cold frame and cover with sash. The sash is not absolutely necessary, but it prevents an oversoaking in time of heavy rains. The soil should not be heavy; a light loam will suit them well and no fresh manure should be used with it, but a fifth or sixth of well rotten manure will help very much.

For the past two years we have potted both the longiflorum and Harrisii in 3 and 4-inch pots, and when they have filled the pots with roots and made a few inches of growth, shifted them into a 5, 6 or 7, their flowering pot. This is a good plan for several reasons. You save much room on the bench during September, October and November, at a time when your benches are filled with chrysanthemums. If the lilies are diseased or they don't start you have not wasted so much space, labor or soil, and for those that you wish to put 3 bulbs in an 8-inch pot it is much the best because you can select them all about the same degree of earliness, a great consideration.

The great bulk of the longiflorums grown are 5 to 7 and 7 to 9, the latter much the best for selling in pots; 3 bulbs in an 8-inch pot is a fine Easter plant. One bulb will do in a 5-inch, but better in a 6-inch. The principal points of their culture is not to overforce them when first brought into the house, increase the heat as flowering time approaches, let them be in a perfectly light house at all times and never let aphis make their appearance on them. W. SCOTT.

THE FLORISTS' REVIEW

G. L. GRANT, EDITOR AND MANAGER.

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THE OMAHA CONVENTION.

The time for the Omaha convention of the Society of American Florists is rapidly approaching and it behooves one and all in the trade to make ready to attend. Those who voted at Providence to go to Omaha this year should not fail to back up their vote by their presence at the meeting next month. And those of the west should be there to a man and show the eastern members that a rousing meeting can be held west of the Mississippi river. In addition to the attractions of the convention there will be the Trans-Mississippi and International Exposition with the great and only Taylor at the head of the horticultural department. And we may have another opportunity to listen to the impassioned eloquence of Professor Daniel Webster MacLean. If San Francisco, Yokohama or Manila would like to have the society meet there next year they would do well to at once secure Prof. MacLean to extend the invitation. The acceptance would come as a matter of course.

The officers and executive committee have prepared a very attractive program that will undoubtedly result in much practical benefit to the trade. The Omaha florists will do everything in their power to make it pleasant for the visitors. The bowling and shooting matches will undoubtedly be the "hottest" yet. Really no one can afford to miss the benefits and pleasures of these annual reunions whether they be held on the Atlantic or Pacific or midway, as this year. We don't mean the midway at the exposition, though probably that will also have its attractions.

ST. LOUIS.

The Market.

Business is very quiet. Flowers are not over plentiful and prices low. Continued hot weather for the past week has had a depressing effect on the market.

Roses are in very bad shape, most of them being small and off color and the majority of them mildewed. Price for most of them is from $1 to $2.50 per hundred. Good shipping stock is quoted a trifle higher. Extra good Meteors and Maids sell well at $4.

The fact is extra good stock is very scarce, as most of the growers are in the midst of planting new stock. Carnations are still plentiful and there is quite a falling off in quality. White is about the only ones in good demand for funeral work. Price on all colors is 75 cents and $1 per 100.

Sweet peas are a great glut and go for any price offered in 1,000 lots; price per 100 15 cents.

Some good valley was seen last week and sold well at $3.

Charlie Kuehn received a fine shipment of some 200 Harrisii lilies last week from growers in Illinois. They came in good shape and sold readily at 75 cents per dozen.

Smilax is not selling well, considerable of it going to waste at the commission houses.

Notes.

S. S. Skidelsky was in town last week representing Messrs. Craig, Harris and Rice, of Philadelphia. Mr. Skidelsky showed some very fine plants, making his headquarters at Kuehn's.

Prof. Irish, acting director of the Mo. Botanical Garden, returned home from Omaha Saturday morning where he attended the educational convention. The professor is much pleased with his trip, especially his visit to the

exposition grounds which he states are very fine.

F. C. Weber and family left Saturday night to spend the Fourth with relatives in Illinois. Fred will be back in time to bowl with us next Thursday night.

Charlie Young, wife and mother, left last week to spend the summer north. Mrs. Ellison, of Ellison and Tesson, and Dr. Helwig, wife and baby, will join them next week.

The Picnic.

The picnic committee held its second meeting Friday afternoon at Jordan's and decided to hold the 5th annual picnic Wednesday, July 20, at Star Park, Belleville, Ill.

A special train will leave St. Louis in the morning and take us direct to the park. Those coming on the afternoon train will be met at the depot and taken to the park. The florists this year seem to take a great interest in making the picnic a great success. Chairman Kunz has appointed the following committees to act at the picnic:

Reception — A. S. Halstedt, chairman; E. W. Guy, William Trillow, Adolph Fehr, Gustave Grossart, Michael Semmler, William Hucke and Henry Emmons.

Transportation—Fred C. Weber, chairman; C. A. Kuehn and John W. Kunz.

Finance—C. C. Sanders, chairman; F. W. Ude and Emil Schray.

Games and Sports—J. J. Beneke, chairman; C. C. Sanders and A. Fehr.

Music—Max Herzog, chairman; J. F. Ammann and F. J. Fillmore.

Shooting—Robert F. Tesson and E. W. Guy.

Bowling—Carl Beyer and A. S. Halstedt.

Refreshments—John Steidle, chairman; Theo. Faller and Herman Ude.

Medical Advisers—Doctors Helwig and Halstedt.

Bowling Items.

No bowling notes this week, as we did not bowl on Monday night, it being the 4th of July, but in the next issue of The Review will be found the scores of Thursday, July 7, and Monday, July 11. I will state for the benefit of my friend, Mr. Austin Shaw, that St. Louis cannot afford to cease its phenomenal work, as we are out for the trophy and the Omaha boys will have to roll some great games to beat St. Louis or even our friends from Chicago, as both the latter teams are rolling on very difficult alleys. Philadelphia, Buffalo and New York please take notice. J. J. B.

BOSTON.

Review of the Market.

This week, as usual, has been a busy one for both retail and wholesale florists, with an elegant demand for the best grades of roses, which have been sold up so close as to almost create a scarcity. Kaiserin has been the leader, and easily brought from $1.00 to $2.00 per dozen, as have also some nice blooms of Bridesmaids. Common varieties have been a little more plentiful and have averaged from $4.00 to $8.00 per hundred, while a few have sold for less. Out-of-door roses are about done, but what have come in have sold well at about the same price as Brides. Meteors have now come to the front, and will have the call now as a red rose, although Beauties will always be good property, for which $3.00 per dozen is the outside figure.

Carnations are plenty, but the demand for school purposes has kept them fairly well cleaned up; 50 cents to $1.50 per hundred is the ruling price, while strictly high grades sell readily at $3.00. Sweet peas are plenty, but not of a high quality, stems running very short; priced from 25 to 50 cents per hundred. Lilies are in ample supply at same prices as past few weeks. Valley of only fair quality sells for from $2.00 to $3.00 per hundred. There is plenty of odds and ends, such as candy tuft, feverfew, stocks, campanulas, etc., which have sold fairly well, being used for bouquet work.

The Weekly Market.

The exhibition this week brought out some fine specimens of seasonable, hardy flowers, including an exceedingly fine display of roses, for which Mrs. E. M. Gill, James Comley and Mrs. B. P. Cheney took all the honors. John L. Gardner exhibited Iris Kaempferii and received all of the prizes. He also received first prize for Campanula Medium, with W. N. Craig a close second, who also received second for a nice collection of sweet williams. There were three nice lots of delphiniums shown by John L. Gardner, A. W. Blake and Rea Bros., who obtained first, second and third prizes respectively.

W. N. Craig received first for a collection of herbaceous plants, Rea Bros., second, and George L. Clark, third. Miss Hattie B. Winter secured first for vase of flowers, and Mrs. E. M. Gill second. Among other exhibits, W. W. Lunt showed a fine specimen of Dendrobium thyrsiflorum, and Geo. Hollis a nice collection of geraniums.

News Items.

Carbone made a decided success with the decorations at Harvard College, using all the Jack roses he could get hold of.

The exodus to the old country still continues. Charlie Halbrow, the Newton rose grower, sailed on June 30, and D. Duncan, of Arlington, expects to leave this week. John Price, with Howard, of Somerville, and Carl Beers, a Bangor florist, are both now well on their way to old England.

Allen Pierce, the genial salesman for the well known chrysanthemum growers, E. Pierce & Son, has been called into the service of Uncle Sam, and is in camp with the Fifth Mass. U. S. Volunteers.

As has been the custom for years, the city government presented to each and every graduate of the Boston schools a bouquet. There were something over three thousand given away, creating quite a rivalry among the dealers and being a good thing for the growers.

CHICAGO.

The Market.

There is practically no bottom left to the market. Prices are what the wholesaler is able to get. The only demand seems to be for good Beauties of which there is a limited supply. The young stock is necessarily short stemmed but the color is good and the foliage very fair. In tea roses the call is for Maids and Meteors, Brides taking a decided back seat.

Carnations are an absolute glut and can scarcely be given away. This is also true of sweet peas.

Some very good longiflorum lilies were seen, which meet with a ready sale and at fair prices, 50 cents a dozen being the usual figure quoted. These are used to good advantage in funeral work.

Club Outing.

The first summer trip of the Florists' Club will be made next Sunday (July 10) to the establishment of H. & R. Hilmers at Blue Island. The party will go by the Illinois Central R. R., on train leaving Randolph St. station at 12:45 P. M. and reaching Blue Island at 1:50 P. M. Returning will leave Blue Island at 6:30 P. M. and reach the city again at 7:30 P. M. By buying 25-ride tickets the round trip rate will be 32 cents. It is expected that there will be quite a turnout in response to the generous invitation of Mr. and Mrs. Hilmers. A large attendance of the ladies is specially requested by Mrs. Hilmers, and there will be a 'bus at the depot for their accommodation. The gentlemen will find the walking excellent.

Various Notes.

Mr. Lloyd Vaughan, of Vaughan, McKellar & Winterson, and Miss Ida Dunham were married June 29. The wedding was private and very few were aware of the event until the ceremony had taken place. Mr. and Mrs. Vaughan will be at home after August 1st at 305 Campbell Ave. Congratulations are now in order and the newly wedded pair have our best wishes for a long and happy life together. Lloyd's friends in the trade are legion and they will all rejoice to hear that he is the head of another new firm and that his new partner is blessed with all the material and mental charms that make an American Beauty.

Ed. Winterson and C. S. Stewart started last Tuesday noon on their long cycling trip, noted in last week's issue. They were fitted out with all the necessary paraphernalia, including extra tires, tent, etc., and were headed

Agricultural Building at the Omaha Exposition.

in the direction of Lake Geneva. Mr. Winterson will report weekly to The Review until he reaches Omaha.

Mr. C. L. Washburn and family left Tuesday evening on their Colorado trip, it being their intention to stop at Omaha for about a week.

Mr. O. W. Frese, with Mr. W. E. Lynch, is on his way to Seattle, and other points in the northwest. As he is to be gone but three weeks he will not likely come home a Klondike king.

Mr. Joy, of Joy & Son, Nashville, Tenn., was a recent visitor.

Bowling.

Last Friday was one of the hottest days of the season but in spite of the weather seven bowlers reported at the alleys. Following are the scores and averages:

	1st.	2nd.	3d.	4th.	5th.	Av.
E. F. Winterson	162	186	89	159	160	151
C. W. McKellar	138	131	98	138	...	126
G. Stollery	124	130	123	113	...	125
C. Schweigert	139	118	105	125	111	119
F. Stollery	101	118	94	122	...	108
A. Henderson	95	105	109	...	...	103
C. Pruner	90	114	104	...	...	102

NEW YORK.

Among the Wholesalers.

Business is as low as the thermometer is correspondingly high, with no improvement in any lines. The favorable outlook for peace on account of the many American victories has acted somewhat as a stimulus to people going abroad, and the steamer trade picked up slightly during the middle of the week.

There are practically no good roses, and carnations are about the same as last week, but of poorer quality. A few asters have put in an appearance and price realized is fair. The glut of outside stock increases.

Mr. E. Koffman opened his store quietly last Friday. He will inaugurate a new system of selling goods, and we hope he will meet with success.

Seed and Bulb Trade.

J. M. Thorburn & Co. have been very busy during the past week moving part of their effects into their new Cortlandt street store, and hope to be fully settled in their new home by the middle of the month.

Mr. Arthur T. Boddington, of Clucas & Boddington Co., has just returned from a very successful bombardment of the east, and with quite a number of scalps. He, however, had his "pants" shot away at the knees and returned with a very striking pair of golf stockings, that would excite the envy of an enthusiast in this line.

Flatbush Bowling Club.

The above club had their regular weekly "meet" last Thursday, and a very jolly time resulted, as usual. This night, however, several "reconcentrados" who reside in New York journeyed over just to get their hand in for Omaha, and were given a great reception. "Pots" (standard size) were won by the following: Eugene Dailledouze, 187; David Y. Mellis, 176; Lieut. Thomas Brennan, 201. Among the "also rans" were: "Papa" Zeller and "Young" Zeller, the other Dailledouze brothers, Pat Reily, Billy Prosser, John Cleary, Louie Schmutz and Harry Bunyard.

Last Auction Sale.

The last auction sale of the season took place last Tuesday at the mart of Cleary & Co. and the result was very satisfactory to the consignors. A very general collection of orchids, palms, etc., was offered and many well known growers were represented both as buyers and sellers. Taken as a whole the auctions have panned out very well though in some instances bedding stock has not realized quite the prices of former years. Palm stock has, however, done remarkably well.

Various Notes.

Mr. Theodore H. Lang, the well known Sixth Ave. florist, was married last Wednesday to Miss Hetta Heintz. The happy couple have gone on an extended wedding trip.

Mrs. Tumey, one of the best known Harlem florists, died last Friday of consumption. Mrs Tumey has had a store at Willis Ave. and 149th St. for nearly ten years which she carried on very successfully.

The Bridgeman Floral Co. is setting a good example by closing their store at 6 o'clock every evening. Mr. Bridgeman appreciates the fact that his em-

ployes put in long hours during the winter and are deserving of some recreation during the hot summer months.

The firm of Thos. W. Weathered's Son have been busy the past week moving to their old headquarters at 46 and 48 Marion St., between Spruce and Prince, two blocks from Broadway. The building, which is large and commodious, has just been rebuilt, the city having taken about 30 feet from the front of the old building in widening the street which has now become an important thoroughfare. The firm of Weathered occupied the old building on Marion street from 1869 to 1890.

John Lewis Childs has invited the trade and a number of private gardeners to visit his grounds at Floral Park Wednesday and inspect the Iris Kaempferi and other outdoor plants.

C. B. Bowditch has gone west for the summer months and will return to New York about the end of August.

The P. L. Bogart Association will take their annual trip to the fishing banks July 14, and members are requested to bring their own "bait." Walter Bogart is the able chairman, and a fresh crop of fish stories will be next in order. An enjoyable time is anticipated.

The New York Florists' Club will not have their regular meeting this month, having adjourned till the weather gets cooler. Pleasant memories still linger, however, of the last successful meeting.

OMAHA, NEB.

The Convention.

August 16 is only 39 days away, not quite six weeks. Are you making your arrangements accordingly? Don't miss this convention. It will be a record breaker in many ways. The attendance from the Atlantic seaboard promises to be a surprise.

The following program has been suggested for those who attend the convention.

TUESDAY, AUGUST 16.

Forenoon—Business meeting.
Afternoon—Trans-Mississippi Exposition.
Evening—Grand concert in the Auditorium and illumination.

WEDNESDAY, AUGUST 17.

Forenoon—Business session.
Afternoon—The Exposition.
Evening, 8 to 10—Illustrated lecture by Professor Taylor on Travels in Russia. Music by Mrs. Taylor and others, in First Congregational Church, where convention is held.
Evening, 10 to 12—The Midway.

THURSDAY, AUGUST 18.

Forenoon—Final business session.
Noon—Trolley ride by the whole convention to Krug park and luncheon.
Afternoon—Bowling, shooting, racing and other athletic sports in the coolest and most delightful park for the purpose in Omaha, commanding a twenty-mile view in every direction and perfectly cool and breezy all the time.
Evening—Return to the city and the Exposition.

FRIDAY, AUGUST 19.

All Day—The Exposition, and fraternal visits to the establishments of the various florists in Omaha and Council Bluffs.

SATURDAY, AUGUST 20.

All Day—The Exposition.

The space set aside for the trade exhibition at the convention is being rapidly applied for. W. W. Barnard & Co. and Vaughan, McKellar & Winterson, of Chicago; Siebrecht & Son, of New York, and Ellis & Pollworth, of Milwaukee, are among the "early birds" who have arranged for abundant room for creditable exhibits. The wisdom of making immediate application for space need not be noted. Address the superintendent, Mr. S. B. Stewart, 119 North 16th St., Omaha, Neb. It looks as though all the space apportioned to the exhibition will be needed.

View in the wholesale store of A. G. Prince & Co., Chicago.

Exposition Notes.

On July 1st the state of Texas gave away a car load of water melons in the big fruit building. There were 1200 melons, averaging 50 lbs. each. It was a "dark day" for the colored population and melon juice flowed like water.

July 4th $10,000 worth of fireworks made a grand spectacle at the Exposition.

Illinois Day was a triumph and the great state may well be proud of the day and its beautiful building here. Thousands of visitors were here from all parts of Illinois and the music of the Apollo Club, the speech of the governor and the glorious weather were all in keeping with the occasion.

A flower carnival is a feature for this month, which will include a parade of carriages elaborately decorated with flowers.

Various Items.

"Aks-ar-ben" is the name of a society here, its membership is made up of the leading merchants of Omaha. Their demonstration in the summer equals the famous Mardi-Gras of New Orleans in interest. If you will spell the name backwards you will see it reads Nebraska. The society is "making it pleasant" for the conventions. Some of the florists are members and some of the visiting members of the S. A. F. may be. I would love to see Brothers Scott and Carmody go through the initiation, and so would you!

Hot weather and hard work do not dampen the ardor of the Omaha Bowlers, though they do dampen their clothes! 104 degrees in the shade here isn't as bad as 90 degrees in New York, with humidity added. They don't seem to know what "humidity" means out here! The air is dry and the breezes never cease to blow. It's a wonderfully elative climate. You seem to be on the mountain top all the time. What do you think of these for scores under such conditions:

Donaghue, Sr.	201	146	176	197	145	201
Davey	176	142	145	151	197	168
Chapin	163	201	...	...	...	...
Wilcox	176	151	180	...	...	...
Hadkinson	204	...	...	...	...	...
Shaw	182	...	...	...	...	...
Henderson	146	...	...	...	...	...

AUSTIN.

EASTER PLANTS.

In an article on flowering plants for Easter decoration, a writer in the English Gardeners' Chronicle includes the following:

"Viburnum Opulus and the more compact-growing species, V. plicatum, are two subjects of shrubby character,

that are eminently adapted for church decoration. The plants are easily forced, and the flowers last a long time in a good state if kept in a cool, well ventilated structure.

"Another flowering shrub which is invaluable is Spiraea confusa. This is wonderfully free flowering, and though it does not last so long in a useful state as the former, it possesses a charm which is unsurpassed."

WANT ADVERTISEMENTS.

WANTED—At once, a good man for small ferns and pot plants. H. Schan, Box 251, Morgan Park, Ill.

WANTED—At once, an honest, industrious, sober man (single), who understands the growing of roses; a permanent place for the right man. Address, Michigan, care Florists' Review, Chicago.

SITUATION WANTED—Young man, seven years experience in large establishment where cut flowers are grown for the Chicago market, wishes a change in order to acquire more knowledge; east preferred; good references. Address K. N., care Florists' Review.

FOR SALE—First class florists' store in Chicago. Excellent trade, established fifteen years. Owner desires to devote his whole time to other business. An unusual opportunity. Address Max, care of Florists' Review.

WANTED—Position as foreman in first class establishment by one who learned thoroughly in England the trade of gardening, and has followed the florist business for ten years in this country. Will take nothing but first class place and will start at $60.00 a month, with chance of raise after showing ability. Good references. Address Hemb, care Florists' Review.

POSITION WANTED—By married man, no children, as gardener or assistant, good grower of roses, violets, carnations, 'mums, palms and stove plants. German, age 26. Can give good references. Private or commercial. Aug. H. Jackman, 427 Lunt Av., Chicago.

FOR SALE—Four greenhouses, nearly new. Good retail stand, in residence district, on paved street leading to cemetery. Must retire on account of health. A. Claus, 501 N. 4th St., Springfield, Ill.

SITUATION WANTED—By expert grower of plants and cut flowers. Competent in every department. Seeks a situation where he may have a chance to make his services worth more than in his present place. Can surely advance his employer's interests if given suitable opportunity. Address S. D., care Florists' Review, Chicago.

FOR SALE OR RENT—Six greenhouses (6,000 feet of glass), all in good condition; all modern improvements; located in one of the principal cities of Southern Wisconsin, with 20,000 population; but little competition. Address, Wisconsin Bargain, care Florists' Review.

WANTED—First-class grower of roses, carnations, mums and general stock; good worker; will pay $20 per month and board to start; good home, steady place. Address 1,000, care Florists' Review.

SITUATION WANTED—By a practical working foreman, 13 years experience in growing roses, carnations, violets, mums and palms; age 28, single; state wages. Address, Frank, Florist, White Hall, Ill.

SITUATION WANTED—By July 9th, by practical florist, 10 years experience; roses, carnations, violets, etc.; knowledge of floral work; New York or Pennnsylvania preferred; references; state wages. Address N. Y., care Florists' Review.

WANTED—A first-class grower of roses and carnations; must be a man of well known ability and to have held similar position of responsibility among large firms, to take charge of a new branch establishment, and to whom an interest as well as salary will be given. For terms, etc., apply to N. F., Louisville Florists' Supply and Exchange, 520 Jefferson St., Louisville, Ky.

SITUATION WANTED—By a practical florist and grower of fine roses, carnations, 'mums, violets specialties. Good commercial or private position. Best references. Address W., Florist, Post Office Box 547, Alliance, Ohio.

Always Mention the....
Florists' Review
When Writing Advertisers.

Simplicity in Greenhouse Construction.

During our long experience we have not only made many improvements in greenhouses, but we have so simplified the construction that building a greenhouse is no longer a matter so full of complications as to tax the patience and the ingenuity of even the most intelligent mechanic. Our

Clear Cypress Building Material

is worked out in the best manner ready to be put up, and we furnish our customers such complete detail drawings that any workman of only ordinary capabilities can put it up correctly.

Write for Circulars or Estimates.

Lockland Lumber Co.
LOCKLAND, OHIO.

Rose Plants!

OUT OF 2 1-2 INCH POTS

	Per 100	Per 1000
AMERICAN BEAUTIES	$5.00	$45.00
METEORS	3.00	25.00
BRIDES	3.00	25.00
MAIDS	3.00	25.00
PERLES	3.00	25.00

WIETOR BROS. Successors to Rogers Park Floral Co.

Wholesale Growers of
CUT FLOWERS
ROSE PLANTS

51 Wabash Ave.
CHICAGO.

GREENHOUSES AT AUCTION,
Germantown, PHILADELPHIA.

WILL SELL, 13th July, 1 o'clock, Seven Houses of **Mr. J. W. Young**, Wayne Ave., near Upsal, 14,000 sq. ft. of glass, 10x12 and 10x15, mostly double. 1,700 ft. 4-in. cast iron pipe; 700 ft. 2-in. 3,500 ft. 1¼ wrought iron pipe. 20 H. P. Loc. boiler and stack. 12 H. P. return tubular boiler and stack, 25 ft. coil pipe. All in good condition.
Mention Florists' Review when you write.

ROSES-
Am. Beauty, Bride, Bridesmaid, Perle, La France, Testout, Morgan, Niphetos, Kaiserin, 3 and 4-in.

ASPARAGUS PLUMOSUS, all sizes.

MARIE LOUISE VIOLETS, young plants, well rooted.

A. S. MacBEAN, - Lakewood, N. J.
Mention Florists' Review when you write.

IF YOU want to buy you will find it to your advantage to buy of the advertisers in The Review. If you want to sell, you will find it to your advantage to advertise in The Review.

A Snap IF YOU WANT
...GLASS...

20 boxes of 14x18 (B) double . . . $3.40 per box.
10 " 16x18 (B) " . . . 3.40 "
44 " 14x22 (A) " . . . 4.10 "
50 square feet in one box.
Glass is all new and in perfect condition.

The entire lot for . . . . **$280** Cash.

WM. F. KASTING,
BUFFALO, N. Y.
Mention Florists' Review when you write.

NEW SEEDS.

Primula, Florist Strain, trade pkt., 50c.; double trade pkt., $1.00. **Pansy,** Mitting's Giant Flowering, Florist Strain, trade pkt., 50c.; double trade pkt., 75c.; ¼ oz., $1.00; 1 oz., $4.00. **Pansy,** German, trade pkt., 25c.; double trade pkt., 40c.; ¼ oz., 50c.; 1 oz., $2.00. **Cineraria,** Hybrids, trade pkt., 50c.; double trade pkt., $1.00. Above seeds have been tested and found 91 per cent. new 1898 seeds.
THE MORRIS FLORAL CO., Morris, Ill.
Mention The Florists' Review when writing advertisers.

MILWAUKEE.

Carnival week drew thousands of visitors to our city, but the florists were benefited but very little by it. Street fakirs were doing about all there was done, and some came up from Chicago with a large stock of flowers to compete with local fakirs. Carnations were very plentiful and prices exceedingly low. Roses are also plentiful, but of poor quality.

The floral parade was one of the main features of the carnival, but paper flowers were exclusively used, so there was some disappointment among the craft, who anticipated that some natural flowers would be used. The sight was a pretty one, however, to note all the different kinds of vehicles decorated with various kinds of flowers. The procession was led by the mayor in a carriage completely covered with white roses and drawn by a team of white horses. Mostly roses, chrysanthemums, poppies, water lilies and daisies were used in the decorations.

Out-of-town trade visitors were numerous. Among the callers were: O. Hieresekorn, Aug. Vogt and C. F. Haupt, St. Paul; Mrs. Theo. Noehle, Green Bay, Wis.; V. Wayman and Mrs. J. P. Spencer, Madison, Wis.; Jos. Wagner, Beaver Dam, Wis.; Wm. Gregory and wife, Ludington, Mich.; O. Bauman, Manistee, Mich.; John Muno and John Dider, Rogers Park, Ill.; John Lange, Chicago.

GEO. WASHINGTON.

SEND IN your order now for a copy of The Florists' Manual, by William Scott. It will cover the whole field of commercial floriculture and will be the standard work of reference for the trade. Price $5.00.

BUY YOUR supplies from the advertisers in The Florists' Review, and thereby increase the earnings of your certificate.

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Florists' Supply and Exchange
Wholesale Florists and dealers in Florists' Supplies
Special facilities for shipping south. Unequaled returns for good stock. Open night and day.
520 W. Jefferson St., Louisville, Ky.

M. RICE & CO.
EXCLUSIVE IMPORTERS AND MANUFACTURERS .....OF Florists' Supplies
25 N. 4th St., PHILADELPHIA, PA.

FRANK ✿ HARDY.
500 Fine Plants Left.
Will sell CHEAP to close out.
GEO. BIRD, Morristown, N. J.

KENNICOTT BROS. Co
WHOLESALE CUT FLOWERS AND FLORISTS' SUPPLIES,
88 WABASH AVENUE, CHICAGO, ILL.
Carnations, Violets and Valley, Specialties.
Full Line of Wire Work.
LONG DISTANCE TELEPHONE EXPRESS 466.

Bassett & Washburn
88 Wabash Ave., CHICAGO, ILL.
Wholesale Growers of and Dealers in CUT FLOWERS
Greenhouses at Hinsdale, Ill.

E. C. AMLING,
Wholesale Cut Flowers
51 Wabash Avenue,
W. S. HEFFRON, Mgr. .....CHICAGO.

W. E. LYNCH,
...Wholesale Florist...
The right kind of stock, packed in the right way, delivered at the right time, and at the right prices
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Telephone 1496
Wholesale Florist
4 Washington St., Chicago.
In our new and enlarged quarters we are better prepared than ever to handle your orders.

Full Line of Wire Designs and Florists' Supplies
S. B. WINTER
Successor to Winter & Glover
Write for Illustrated Catalogue.
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HIGH GRADE Cut Flowers
Properly Packed and Promptly Forwarded.

J. A. BUDLONG
Wholesale Grower of and Dealer in Cut Flowers,
WE ARE HERE FOR BUSINESS. GIVE US A TRIAL ORDER.
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HOLTON & HUNKEL CO.
Wholesale Florists
And Florists' Supplies.
Phone 874. WIRE DESIGNS—OUR OWN MAKE
457 Milwaukee St.
P. O. Box, 103. Milwaukee, Wis.

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SUCCESSORS TO
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WHOLESALE GROWERS OF Cut Flowers
All telegraph and telephone orders given prompt attention.
51 Wabash Ave. - CHICAGO.
Mention Florists' Review when you write.

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Wholesale Florists,
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A. G. Prince & Company
Telephone .....Main 3208
Agents for..... HINSDALE ROSE CO.
WHOLESALE CUT FLOWERS AND FLORISTS' SUPPLIES
88 and 90 Wabash Ave., - Chicago
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C. A. KUEHN
WHOLESALE FLORIST
Cut Flowers and Florists' Supplies.
Manufacturer of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.
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..C. W. WORS..
Wholesale Florist
2740 OLIVE STREET
ST. LOUIS, MO.....
FINE ROSES—Shipped Carefully to all Parts of the Country.
Mention Florists' Review when you write.

ST. LOUIS CUT FLOWER CO.
Wholesale Florists
E. H. MICHEL
1620 Olive St., St. Louis, Mo.
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REINBERG BROS.

600,000 FEET OF GLASS.

WHOLESALE GROWERS OF CUT FLOWERS.

We can fill all orders on short notice with all leading varieties of Roses and Carnations. We are headquarters for fine AMERICAN BEAUTIES. Give us a trial and convince yourself.

Write for Prices on ROSE PLANTS.

51 WABASH AVENUE, CHICAGO.

ROSE PLANTS.

As good as can be grown. We have the following Rose Plants, the same as we have planted in our own houses, still on hand for sale. We guarantee them to be first class in every respect.

3,000 American Beauties, 2-inch.
2,000 Bridesmaids, 2-inch.
800 Meteors, 2-inch.
500 Brides, 2½-inch.

Address FIRST COME, FIRST SERVED.

BASSETT & WASHBURN, Hinsdale, Ill.

Do You Want Your Money's Worth?

If so, don't delay it but send me your list **at once** of all **Bulbs and Plants** for **forcing** and **decoration**, stating quantity and sizes. You will find my prices as low as others for **FIRST-CLASS GOODS.**

JOBBER

F. W. O. SCHMITZ, Jersey City, N. J.

in **Chinese Sacred** Lilies, **Japan**, all kinds of **Dutch, French** and **German** Bulbs and Roots, **Azalea, Rhododendron, Palms** and **Nursery Stock** for forcing and outdoor.

THE OMAHA EXPOSITION

IS REACHED DIRECT BY THE MISSOURI PACIFIC RAILWAY

If you are going to attend (and it will be what you can ill afford to miss), you will find this the best line to take.

WE OFFER SUPERIOR EQUIPMENT, PULLMAN BUFFET SLEEPING CARS, RECLINING CHAIR CARS (SEATS FREE) AND THE

ONLY LINE DIRECT TO THE GROUNDS.

SEE Agent for further particulars.

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The Florists' Manual... By WM. SCOTT

It will tell you just what you want to know in just the way you want to be told. It will cover the whole field of Commercial Floriculture, the articles arranged alphabetically, so that reference may be quick and easy. It will be a whole library in itself .....

Price, $5.00

SEND IN YOUR ORDER NOW

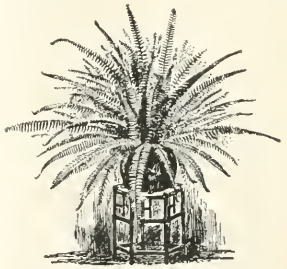
FLORISTS' PUBLISHING CO.

520-535 Caxton Building. CHICAGO.

Boston Ferns..

N. Exaltata Bostoniensis, $5.00 to $25.00 per 100, out of bench. Large size. Prices on application.

I have a fine lot of $6.00, $8.00 and $10.00 per 100 sizes which will make fine plants in the fall if planted at once.



CASH WITH ORDERS FROM ALL UNKNOWN PARTIES.

WM. A. BOCK, North Cambridge, Mass.

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Pæony Clumps

For Fall Transplanting.

PLACE ORDERS NOW.

Clumps at $10.00 per 100

Will divide into two and three.

Easily Cultivated.

Need no protection during winter.

Any florist having land will find them big payers.

BRANT & NOE,
FOREST GLEN, ILL.

Mention Florists' Review when you write.

LONG'S Floral Blotters

THE FINEST NOVELTY FOR ADVERTISING ANY BUSINESS.

Effective, and true to nature.

Samples for 20 cents in stamps.

DAN'L B. LONG, Publisher,
BUFFALO.

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NEW AND SECOND-HAND MATERIAL

purchased from Sheriff, Receiver, and Assignee sales at less than one-half prices. Pipe and Fittings, Hose, Florists' Wire, Hot Water Heaters, Greenhouse Boilers and Engines, Rope, Light Wrought Iron Pipe, Glass Sash, and thousands of other articles, for sale by

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Largest Mail Order Depot for New and Second-Hand Material in the World.
W. 35TH & IRON STS., CHICAGO.
Write for our free illustrated catalogues.

Mention Florists' Review when you write.

GRAND RAPIDS, MICH.

A summer quietness has settled down over business. The heat has deteriorated the quality of roses as well as carnations. Rain is badly needed. Roses are poor and scarce. Since Decoration Day the quantity of carnations on the market has been wonderful and the supply still holds out; prices 10 to 25 cents per dozen, and the demand extremely light. We are daily expecting to see some such sign as "Carnations, 5 Cents Per Dozen. Saturday Night a Rosebud Thrown In."

Crabb & Hunter have all their roses replanted, as have also the Floral Company.

Henry Smith has a 250x26 rebuilt carnation house planted to roses and is tearing down his old rose house to rebuild before planting to roses again.

Cunningham has one house replanted and the rest are in various stages of planting.

A resume of spring trade shows that all predictions were fully realized. Trade was good—better than ever before; there has hardly been a good, salable geranium left in town. Vines, although seemingly plentiful, were very short in supply. Never in the history of Grand Rapids have so many vines been used as this season, and people are getting more particular than formerly. Window boxes are on the increase and hanging baskets are slightly on the decrease. Although cheap enough, the price has been so thoroughly cut that the public has a strong hold and knowledge of the price; 50 cents for refilling a 14 to 16-inch basket occasionally, but not often does one get a higher price.

GEO. F. CRABB.

HUNT'S REVIEW OF THE CHICAGO MARKET.

With the advent of hot weather business has fallen flat. Locally, ruinous prices prevail, with country trade only a notch better. Roses are still being received in quantities, but the scorching weather has thrown them off in color and produced small blooms. Sleepy carnations are the order of the day and very few are coming in that are fit to ship any distance. Few Beauties are seen on the market with the demand good. The regular summer glut of sweet peas is on and demand not equal to the supply.

Some very good longiflorums and auratums are in the market and meeting with fair sale. Ferns, common, are of fine quality with a downward price. The war and victories seem to engross the attention of the wholesalers more than the condition of the market.

Chicago, July 5, '98.

IT WILL BE to your advantage to mention The Florists' Review every time you write an advertiser.

FLORISTS' STOCK OF BEDDING PLANTS.

Alternantheras, Coleus, Geraniums, Pansies, Daisies, Verbenas, Fuchsias, Salvias, etc. Write for prices. Florists are invited to look over our stock when in Milwaukee.

ARCHIE MIDDLEMASS,
1019 Forest Home Ave., MILWAUKEE, Wis.

SAMUEL S. PENNOCK,

Fine Assortment of.... ORCHIDS To be had on short notice.

Wholesale Florist,

LONG DISTANCE TELEPHONE

1612-14-16 Ludlow Street, ...PHILADELPHIA, PA.

Hot-Bed

Sash.

Tenons white-leaded. Corners secured with iron dowel pins. Every detail of construction perfect. Made of Clear Cypress Lumber.

Quick Shipments.

We have in stock and can ship immediately:

3 ft. x 6 ft., 3 rows 10 in. glass.
3 ft. 3 in. x 6 ft., 4 " 8 in. "
4 ft. x 6 ft., 5 " 8 in. "

Not glazed, 1¾ in. thick.

Delivered Prices

Quoted on application. State size and quantity wanted. No order too small to receive careful attention, and none too large for our facilities.

LOCKLAND LUMBER CO.,
Lockland, Ohio.

Mention Florists' Review when you write.

H. Bayersdorfer & Co.

THE LARGEST SUPPLY HOUSE IN AMERICA

New Catalogue of all Florists' Supplies on application. For the trade only.

50 to 56 N. 4th Street, PHILADELPHIA, PA.

Mention Florists' Review when you write.

CELERY PLANTS

White Plume, Golden Self-Blanching and Giant Pascal.

Field-grown plants at $1.00 per 1,000; $8.50 per 10,000. Cash with order. Samples free.

C. M. GROSSMAN,
WOLCOTTVILLE, IND.

Mention Florists' Review when you write.

GIVE US A TRIAL WE CAN PLEASE YOU.

ROSES, CARNATIONS, and All Kinds of Seasonable Flowers in stock.

WM. F. KASTING, Wholesale Commission Florist,
495 Washington St., BUFFALO, N. Y.

Also Dealer in Florists' Supplies and Wire Designs.

Mention Florists' Review when you write.

WM. J. BAKER,

WHOLESALE CUT FLOWERS,

1432 S. Penn. Square. PHILADELPHIA. PA.

Original Headquarters for CARNATIONS.

Mention Florists' Review when you write.

EDWARD REID,

WHOLESALE FLORIST

1526 Ranstead St., PHILADELPHIA, PA.

Consignments of only the BEST STOCK solicited.

Mention Florists' Review when you write.

WM. C. SMITH

Wholesale Florist,

40 So. 16th St. PHILADELPHIA.

LONG DISTANCE PHONE 5008 A.

Consignments of Choice Stock Solicited.

Our central location enables us to fill out-of-town orders at short notice.

Mention Florists' Review when you write.

Boston Fern

Special Offer on account of moving.

6-inch pots, $10.00 per dozen.
8-inch pans, very fine, $15.00 per dozen.

Splendid for growing on or for store decoration.

JOHN WELSH YOUNG,
Upsal Station, Penna. R.R. Germantown, Pa.

Mention Florists' Review when you write.

CELERY PLANTS White Plume, Golden Self Blanching and Hartwell's Perfection. Nice outside plants from March sowing, 90c per 1000; $7.50 per 10,000. Cash please.

WM. S. HERZOG, Littleton, N. J. Morris Co.

Mention Florists' Review when you write.

SEEDS

Primula, Gloxinia, Calceolaria, Pansy, Cineraria.

We are booking orders now for the above, which will be filled promptly on receipt of the **New Crop** Seed, which is due to arrive soon. Our strains of these important Florists' flowers are unsurpassed. If you have not heretofore given our seeds of above varieties a trial, do so this year. We invite comparison with any.

...PANSIES...

Order now and seed will be sent as soon as **new crop seed arrives.**

Hunt's Pansy Seed has made a name because of the **quality** of the strains. We would be pleased to send our catalogue of Florists' Flower Seeds to any one in the trade. It contains a general list of all Florists' Seeds.

	Oz.	⅛ Oz.	Tr. Pkt.
Fine Mixed	$1.00	$0.25	$0.10
Extra Choice Mixed	3.00	.50	.15
Unrivalled Mixed, by long odds the best strain in the market	8.00	1.00	.25
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ALSO ALL THE NAMED VARIETIES.

S E E D S

	Trade Pkt.
PRIMULA Sinensis Fimbriata.	
Single, white	50c
" red	50c
" kermesina splendens	50c
" mixed	50c
Double, white	50c
" red	50c
" mixed	50c
CINERARIA Hybrida Grandillora, large flowering, finest mixed	50c
Our Cineraria seed is known among those who grow the finest plants.	
CALCEOLARIA Hybrida Grandiflora	50c
We have a special fine strain to offer.	
GLOXINIA Hybrida, large flowering, mixed	50c

E. H. HUNT, 76 Wabash Ave., Chicago.

ROSES.....

Beauties, 3-inch, $7.00 per 100.
Maids, Brides, Perles and Meteors, 3-inch, $6.00 per 100; 4-inch, $8.00 per 100.

POEHLMANN BROS.,
MORTON GROVE, ILL.

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Fine Rose Stock For Planting.

Out of 3-in. Pots

Meteors, Vic. Kaiserins, Maids, Brides, Belle Siebrecht, Perles, Beauties.

Write for prices. Send 50c or $1.00 for sample lot of what you want to.....

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VEGETABLE PLANTS.

Cabbage—H. Succession, Flat Dutch, Autumn King, Drumhead, Savoy, and other varieties.
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50,000 Extra Strong Smilax Plants

Out of 2½-in. pots, **$1.25** per 100; **$10** per 1000. Cash with order. Address

FRED SCHNEIDER, Florist,
751 Crawford Road, Cleveland, O.

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..ROSES..

1000 Am. Beauty, 2½-in., $4.50 per 100
1000 Kaiserin, 2½-in., 3.00 "
1000 Kaiserin, 3 -in., 4.00 "
Very choice. May be returned at our expense if not satisfactory.

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REED & KELLER,

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Sphagnum Moss

First quality, 85c per bale, 10 bales $6.00.

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SMALL GREEN

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For use with Violets. Stiff wiry Stems. Work up beautifully. Are all the rage

Box of 5000, $5.00
Less quantity at $1.25 per 1000
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... PRINTING HOUSE ...

Nursery Seed Florists'

Catalogues

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PHILADELPHIA.

Business Conditions.

Business is practically over for the season. The cut flower market is on a summer footing. A few good Beauties, Kaiserins and orchids are to be seen. The intense heat has spoiled most flowers. Water lilies, with the necessary accompaniment of water, are the coolest looking blooms on the market. Plant business is chiefly with growers who are short of stock for their houses or want to try some novelty.

Great distress was evident on Monday of last week in three of our most fashionable stores and several others were somewhat affected. Strangely enough, the cause was a wedding. That day the last of four popular society belles was married. These young ladies have for many years been greatly admired. Several handsome delivery wagons are said to have come directly from the numerous floral offerings sent them. Several growers owe the butter on their bread to this popularity. They will be greatly missed. May their lives be happy.

Notes.

The firm of Billger & Blakeborough, growers of cut flowers and bedding plants, has retired from business. This firm achieved its greatest success under the management of William A. Billger, their bouvardia being of especially fine quality and very profitable. Mr. Billger attributes his success with bouvardia to his system of field irrigation during the summer months. He dug a shallow trench all the way along each row of plants, running the hose into the upper end of the trench often enough to keep the ground moist. Their bouvardia was worth going a long way to see. W. A. Billger went into business somewhere in Indiana a few years ago. The business has since been carried on by his father and brother-in-law.

Henry F. Michell has gone to Europe.

Much has been written about the Greek in our business, but little or nothing about the Italian. Yet the latter plays an important part at this season. He it is who is called in by many an up-to-date grower to help empty and wheel in soil for the houses, and so push through the work while the regular hands are painting and planting. He is patient and industrious and deserves a word of praise for the part he plays in our business life.

Alas! the "jumping beans" have stopped jumping. The little worms inside of them died, and the beans seem dead, indeed.

George Anderson is said to be doing some pretty good shooting these days. J. W. Y.

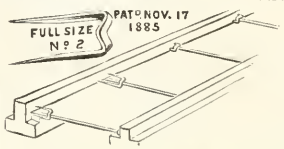
The Harrisii Disease

can be prevented by immersing the bulbs for ten hours in a half solution of.....

..Kraft's Plant Tonic.. 99%

This has been conclusively proven by experiments at Lincoln Park, Chicago. The Tonic also kills **Hard Shelled Scale, Mealy Bug,** and other insect pests without injury to the plant. A trial of a 25-cent bottle will convince you that a really remarkable insecticide has been discovered. Send for circular.

Kraft Plant Tonic Co., Rockford, Ill.



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When writing mention Florists' Review.

Burpee's Seeds Grow

The Model Extension Carnation Support

QUEENS, N. Y., Feb. 16, '97.
MR. THERON PARKER, Brooklyn, N. Y. Dear Sir:—I have tested your latest Model Carnation Support, and am free to say that I consider it the best wire carnation support that I have ever seen. It is quickly and easily applied, and I think will prove very durable, and you certainly deserve great credit for the invention.
Very truly yours,
C. W. WARD.

FLATBUSH, BROOKLYN, N. Y., Feb. 18, '97.
MR. THERON PARKER.
Dear Sir:—Your wire stake is certainly a gem. Without hesitating we endorse it as an up-to-date Carnation Support. Yours truly,
DAILLEDOUZE BROS.

W. HOBOKEN, N. J., Feb. 18, '97.
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Yours truly, E. ASMUS.

Write for Prices, Circular and Special Discounts for early orders.

The Model Plant Stake Co.
THERON PARKER, Mgr., Inventor and Patentee,
22 Morton Street, BROOKLYN, N. Y.

Marie Louise Runners

25,000 at $4 per 1000; 60c. per 100.

WANTED 500 Maids, 600 Brides, 200 Perles, 200 Beauties, 200 Meteor, 200 Belle Siebrecht, 2½-inch pots.

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Mention Florists' Review. HILLSDALE, MICH.

Mums The Word.

We offer the following varieties good, strong, thrifty plants, in 2-inch pots, at $3.00 per 100.

Mayflower, Modesto, Mrs Henry Robinson, The Times, The Queen, Yellow Queen, Major Bonnaffon, Invincible, Minerva, Kentucky, and lots of other sorts. See catalogue for list.

2,000 Smilax, 2-inch pots, $3.00 per 100, $25.00 per 1,000. Address—

NANZ & NEUNER, LOUISVILLE, KY.

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Of the market and fancy strains, are still the leading varieties with the Florists' trade. Quality guaranteed. FRESH SEED NOW READY in trade packages at one dollar each.

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STRONG PLANTS.
$1.50 per 100; $12.00 per 1000.

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Finest Quality Ever Offered (Retails @ 30c. lb.)

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RECLEANER AND JOBBER GRASS SEEDS.
North-East Corner **Second & Walnut Sts., Cincinnati, O.**
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it pays better than.... 3% U. S. War Bonds

to get prices through our Purchasing Department on Glass, Pipes, Fittings, Tools, etc., etc. If your dealer cannot meet jobbers prices, write to Barnard to purchase for you. We do it for the accommodation of our florist customers, free of charge, and earn the good will of the trade. It's an offer worthy of consideration; it will earn you money because it saves you money on all purchases. There is nothing like knowing the real wholesale value of goods; the first dollar made is made in "the buying."

Special Options secured, good up to July 10th, on Glass, 16x24, double thick, A. Also on Pipes and Fittings. Inquiries reaching us Monday next are included in this option. Deposits of 50c per box will hold your order for 30 to 60 days' shipment.

Our Special Prices on Fall Bulbs can be had for the asking. We have the reputation for high grade stock, and sell it at a very close margin. Please try us. Ready now: **Freesia Refracta Alba** (Bermuda grown), 65c per 100, $5.50 per 1,000. **Oxalis Bermuda Buttercup**, $1.25 per 100, $8.50 per 1,000.

Fancy strain of **Primula, Cineraria and Calceolaria,** 50c per trade package, ready now. Special preliminary price list free for the asking.

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with your fellow-craftsman. We will introduce you. Every subscriber to the FLORISTS' REVIEW is requested to send to the editor a cabinet size photograph with name and address on back for use in our

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CHRYSANTHEMUMS!

FRANK HARDY,

$5 per 100; $40 per 1000; 25 at 100 rate.

Send for list of other new and standard varieties.

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40,000 FIRST QUALITY FORCING ROSES. READY FOR IMMEDIATE PLANTING.

Fully equal to those sent out the last six years, first-class and perfectly healthy in every respect.
Only selected growth from flowering shoots used in propagating.

WOOTTON, LA FRANCE, AMERICAN BEAUTY, PRESIDENT CARNOT
3-inch pots, $8.00 per 100; 4-inch pots, $12.00 per 100.

METEOR, BRIDESMAID, GONTIER, SUNSET, BON SILENE, MERMET
PERLE, KAISERIN, BELLE SIEBRECHT, TIME, HOSTE, NIPHETOS, BRIDE,
3-inch pots, $5.00 per 100; 4-inch pots, $10.00 per 100.

J. L. DILLON, BLOOMSBURG, PA.

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IF you are in the trade and are not yet a subscriber to the FLORISTS' REVIEW, send in your name and one dollar now and you will receive not only the FLORISTS' REVIEW for one year, but also a certificate entitling you to the earnings on one dollar's worth of stock in the Florists' Publishing Company.

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You will see that you can buy everything that you want to just as good advantage from advertisers in the FLORISTS' REVIEW as elsewhere and at the same time benefit yourself by increasing the earning power of your certificate.

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You get the best paper in the field and a share of its earnings.

Send in your subscription now.

FLORISTS' PUBLISHING COMPANY,

520-535 Caxton Building, ...CHICAGO, ILL.

Always mention the Florists' Review when writing advertisers.

TORONTO.

The Executive Board of the Canadian Horticultural Association meets in Hamilton at the St. Nicholas Hotel on Wednesday of this week to arrange program for the convention at Toronto during the second week of the Industrial Fair early in September.

Mr. Joseph Spring, late foreman of the big greenhouses at Pittsburg, made a flying visit to Toronto and called on his many old friends who were very pleased to see him and hoped he was going to stay, but Joe was bound for Virginia where everyone who knows him will wish him health, happiness and prosperity.

Mr. Ernest Crossland, late manager of the retail store of the Steele, Briggs Seed Co., has also set sail for the U. S. He will be much missed here and will also have everybody's best wishes for success wherever he goes.

Mr. F. G. Foster, of Hamilton, was seen in Toronto on Dominion day. His health is not good yet.

Mr. Thos. Manton "of a daughter," about three weeks ago. Just what was wanted Tom says.

The Horticultural Society meets Tuesday evening for its regular meeting. Time will be devoted principally to questions and answers.

Don't forget that the 28th inst. is the day for the Gardeners' and Florists' picnic to Victoria Park, Niagara Falls. Mr. E. H. Carter, Riverdale Park, will serve out the tickets at (I believe) $1.00 apiece. Let everybody strain a point and come. E.

WHENEVER you need any trade supplies not offered in our advertising columns, write us about it. We will place you in communication with some one who can supply what you want.

YOU CAN BUY all your trade supplies to the very best advantage from advertisers in The Florists' Review, and at the same time advance the interests of your paper.

WHEN you write an advertiser, always state that you saw the adv. in The Florists' Review.

Chinese Primroses.

20,000 Primroses, 2-in. pots.. ....$2.00 per 100.

Smilax.

10,000 Smilax, 2-in. pots, strong... $9.00 per 1,000, $1.00 per 100.
Cineraria Grandiflora, August. $2.00 per 100

JOS. H. CUNNINGHAM, DELAWARE, O.

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..FERNS..

In fine assortment, from 2½-in. pots,
$3.00 per 100;
$27.00 per 1000.

CHAS. T. DARLING, Stony Brook, L. I., N.Y.

The EVANS IMPROVED CHALLENGE
Ventilating Apparatus
ROLLER BEARING

NO INVESTMENT A GROWER CAN MAKE WILL PAY LARGER RETURNS THAN GOOD VENTILATING APPARATUS.

OURS IS THE RIGHT KIND

Our Apparatus does the work, and does it easily quickly and perfectly.

Saves labor and expense. Note our Steel Sproket Chain around this ad. Write for illustrated catalogue.

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Here we go
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10,000 Plants of		Per 100
Geraniums,	2, 2¼ and 3-in. pots	$2.00, $3.00, $4.00
"	Md. Salleroi, 2¼-in. pots	2.00
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Pyrethrum, Little Gem		2.00
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Verbena, extra strong, 2¼-in. pots		2.00
Vincas, variegated, 2¼-in. pots		2.50
"	3 "	4.00
"	3¼ "	6.00
"	4 "	10.00
"	rooted cuttings	1.25
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1 Plant, 5-in. pot, 24 inches high, each..... .75
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JOSEPH HEACOCK,
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Vinca Major Variegata.

1,000 3-inch Pots.
3 to 5 leads, 18 to 24 inches long, 75c per dozen. ..... $5.00 per 100.

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Cineraria AND Calceolaria

James Giant Strain,
Per trade pkt., $1.00. Per ½ trade pkt., 50 cents.

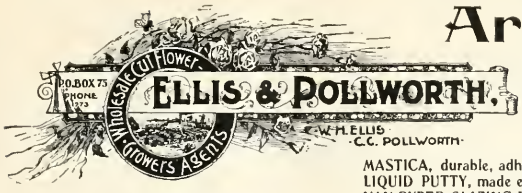
STUMPP & WALTER CO.
50 Barclay St. NEW YORK.

Sphagnum Moss

A very select quality, 75c per bale, 10 bales $6.00.....Grown and packed by

M. I. LYONS, - Babcock, Wis.

Write for prices on car lots.



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YOU WILL NEED SOME OF THIS MATERIAL

MASTICA, durable, adhesive, elastic, $1.00 per gallon can.
LIQUID PUTTY, made expressly for greenhouse work, 25-lb. can, $1.50.
VAN RYPER GLAZING POINTS, best glazing point on the market, per 1000, 60c.; by mail, 75c.
SCOLLAY'S PUTTY BULB, to apply Mastica or Liquid Putty, 85c. each.
MASTICA GLAZING MACHINE, to apply Mastica, $1.00 each.
STEEL ROLLER GLASS CUTTERS, 15c. each.

ELLIS & POLLWORTH, 137 ONEIDA ST., MILWAUKEE, WIS.

Geraniums...
3-in., strong, in bloom, $4.00 per 100. Named

Chrysanthemums...
Strong, from soil, $3.00 per 100; $25.00 per 1000. Named.

Kentia Belmoreana
Strong stocky plants, 5 to 7 leaves, 20 to 30 inches high, $12.00 to $24.00 per dozen.

Kentia Forsteriana
4 to 6 leaves, 24 to 30 inches high, $12.00 to $18.00 per dozen.

THE COTTAGE GARDENS,
QUEENS, L. I.
Mention Florists' Review when you write.

PALMS AND FERNS
The Largest Stock of Plants in the West.
Geo. Wittbold, 1708 N. Halsted St. Chicago
Mention Florists' Review when you write.

Carnations

F. DORNER & SONS CO.,
LA FAYETTE, IND.
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....NOW IN COURSE OF PREPARATION....
THE
Florists' Manual
By WM. SCOTT.

It will tell you just what you want to know in just the way you want to be told.
It will cover the whole field of Commercial Floriculture, the articles arranged alphabetically, so that reference may be quick and easy.
It will be a whole library in itself.

Price, $5.00.
Send in your order now.

Florists' Publishing Company
520-535 Caxton Bldg., Chicago.
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Do You Want to Save 10%?

Let us figure NOW on your list of BULBS for summer and fall delivery.

We Offer Special { Latania Borbonica Seed, per lb., 50c.; 5 lbs., $2.25, delivered. Areca Lutescens, 100, 75c.; 1000, $6.00, delivered.

Harrisii, Longiflorums, Roman Hyacinths, Etc.

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If you want any of the above, or any other printing, we can supply you. Best work and moderate rates.

FLORISTS' PUBLISHING CO.
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Surplus ROSES in 3-inch pots.

Brides, Bridesmaids, Perles and La France, fine healthy stock, at $4.00 per 100, 4-in. pots..... 6.00 "

CRABB & HUNTER,
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Ornamental Shrubs,
HERBACEOUS PERENNIALS.
A specialty of Iris, Phlox, Pæonies, Pyrethrums, Poppies, etc. Wholesale List on application,

JACOB W. MANNING,
The Leading New England Nurseryman. ESTABLISHED 1854. READING, MASS.

If You Have Any Surplus
Stock to sell to the trade advertise it in....
THE FLORISTS' REVIEW.

Subscribers

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Always MENTION the name of the paper when sending inquiries or orders.

Florists' Review....

ELIZABETH, N. J.

I called on Mr. J. W. Blakely, one of the oldest and best known florists in this historical city, to see his sweet peas and to note his experiments with Jadoo Fibre and Jadoo Liquid in growing same. Mr. Blakely is an enthusiast both on Jadoo and sweet peas and his garden in the rear of the store, though surrounded by trees and houses, the results so far as growth and profuse flowering are concerned were all that could be desired.

The first sowing was made in the middle of February and the seed was started in pots filled with Jadoo Fibre. These were planted out in April in a trench of Jadoo, while the balance were sown out doors in March in ordinary soil and mulched with Jadoo, both being watered with Jadoo Liquid. The results over previous years when Jadoo was not used are decidedly gratifying. Instead of a lot of rank growth, the plants have bloomed continuously since the first of June, nearly 2,000 blooms a day being taken from ten rows 35 feet long. The plants are more vigorous and the flowers, of exceptionally long stems, are of great substance and of good color.

Of course those sown indoors and planted out show the strongest growth and are about a foot taller and it seems to me that seed treated this way was an excellent investment, for the reason that you start picking almost by the end of May, and have your crop in in time for the school commencement and exercises, etc., much earlier than the ordinary crop.

Among the 60 odd varieties including all novelties, I noted the following that were the most striking. Oriental, deep pink, the best of the lot; Her Majesty, cerise pink; The Bride, white, very dwarf; Nawana, heliotrope splashed; Aurora, pink splashed, dwarf; Mars, bright pink; Prima Donna, cerise pink; Capt. of the Blues, an odd blue shade, and a host of others too numerous to mention.

Mr. Blakely will make an exhibition in his store during the week of the different varieties. B.

WIND TIGHT ROOFS.

To make a greenhouse roof both wind and water tight we know of nothing better than the zinc joints made by Mr. J. M. Gasser, Cleveland, O. These are properly shaped strips of zinc that are placed between the edges of the glass where the lights come together. There is no lap and this makes some saving in glass. With this joint a glass roof can be made quite wind tight and this must mean a very material saving in fuel on windy nights in winter. Mr. Gasser is the well known Cleveland florist and first made the joints for his own use only. He has of late years offered them to the trade and large quantities are now in use all over the country.

Another Triumph For Jadoo.

At the tenth great Annual Exhibition of the Royal Horticultural Society, held May 25-27, in the Temple Gardens on the Thames Embankment, London, England, a display of Plants in Jadoo Fibre was AWARDED A SILVER MEDAL OF THE FIRST CLASS.

This bears out our claims that Jadoo Fibre, intelligently used, will always grow prize winners. Are you in line for the fall exhibitions?

Send for new booklet.

The American Jadoo Co.,

817 Fairmount Avenue, ...PHILADELPHIA, PA.

Correspondence Solicited

ORCHIDS

A fresh lot just arrived of....

CATTLEYA WARNERII. LAELIA PERRINII, Sophronites Grandiflora and Coccinea. Miltonia Spectabilis and many more.

Lager & Hurrell, Growers and Importers.... Summit, N. J.

Mention Florists' Review when you write.

CLUCAS AND BODDINGTON CO. NEW YORK, U.S.A.

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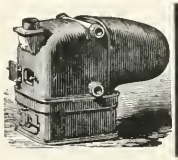

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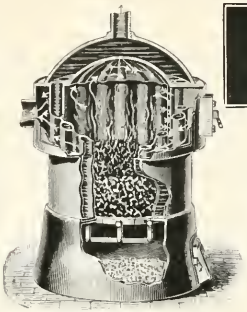

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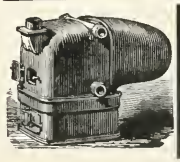

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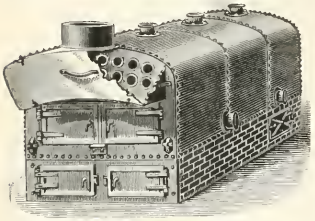

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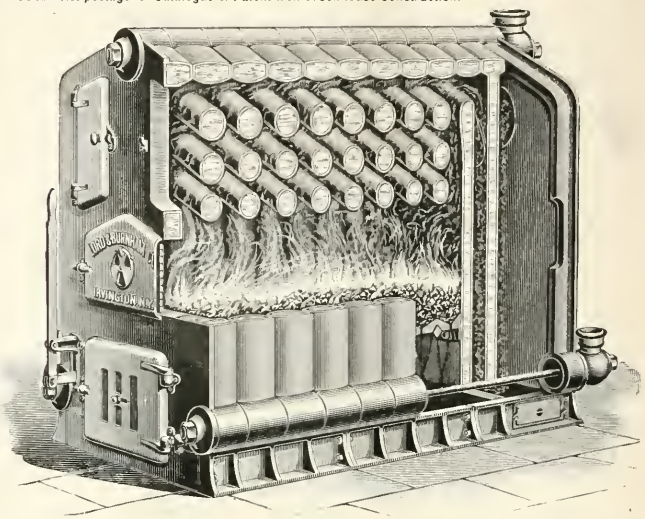

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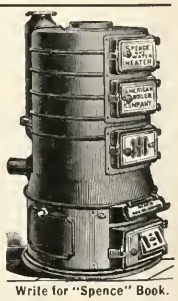

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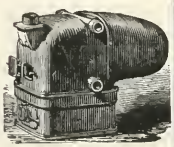

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Vol. II. CHICAGO AND NEW YORK, JULY 14, 1898. No. 33.

"WE ARE ALSO TRUCKERS."

Although not floriculture or ornamental horticulture, the forcing of cucumbers is interesting and sometimes profitable. My excuse for asking the editor to illustrate a very small section of a house grown this spring is that it was a crop used to fill up a few months between crops and assuredly paid more than cost of labor and fuel. The house is 125 feet long, 20 feet wide, all solid beds and two narrow paths. It was built to grow violets but like many another house it was finished too late and it was the end of August before the violets were planted. They had been too long in flats and were stunted beyond recovery, so after a very meagre picking during fall and Christmas the violets were thrown out, the beds dug and manured and planted with lettuce. By middle of April two crops of lettuce had been cut. A number of tomato plants had previously been planted in boxes 9 inches square and 6 inches deep; they began to ripen fruit middle of May and when removed from the house about the 20th of June to prepare for violets were loaded with fruit soon to ripen. They were not destroyed as the boxes were carried out and the vines laid on the grass, and many have since ripened. In a latitude where you get few ripe tomatoes before August 1st the trouble incurred pays.

"We Are Also Truckers."

The seeds of the cucumbers were sown about February 1st, grown in 4-inch pots till they were a foot high and then planted (towards end of March), 3 feet apart at each side of the house. One side was Telegraph, the other a variety originating in this locality, a cross between Telegraph and White Spine, very prolific and of medium length. The house is heated with three 2-inch hot water pipes on each side, and they are situated just where I think they should be for violets, viz. on the side walls between top of bench and glass and sufficiently above the violets to be of no danger as red spider producers. Six 2-inch hot water pipes in a house 20 feet wide would be of course very inadequate to keep up a tomato or cucumber temperature in cold weather, but for violets it was ample. The cucumbers were trained to wires running from upper 2-inch heating pipe to 1-inch purlin pipe, running along roof about seven feet from heating pipe.

It is many years since I have seen a house of cucumbers but never, I think, have I seen them hang quite so thickly. About June 10 I fully intended to have a good photograph of them taken but alas, one night, and when many hundred pounds weight of cucumbers was hanging from the vines the weight pulled the 2-inch pipe clean off the supporting brackets and removed most of the plants. One end was little damaged and before throwing them out, a neighbor who owned a kodak stepped in and took a shot, and from that the very imperfect illustration is taken. The Telegraph were many of them 25 inches long, but the average would be 18 inches.

Mr. George Fancourt, who saw them a month before they were thrown out, pronounced them a very excellent strain of Telegraph and Mr. F. is an

acknowledged authority on dry goods, wet goods and green goods, including garden sass. Early mornings before the average man began his labors I used to fertilize the flowers, and speaking of that the cucumber, like all its family, has not perfect flowers; the male and female flowers being separate individuals and I had always been taught and still supposed that without the natural agencies of insects or wind the flowers had to be artificially fertilized. Mr. Fancourt remarked it was not at all necessary. Without fertilization the cucumber would develop to its full natural size but bear no seed. Is he right? I would like to hear from some professors on the subject for I am not certain he is. If it is so then there were many hours spent in vain.

I have only asked for the illustration of these "cucks" and my remarks to show that in case of a failure there are several ways of utilizing your glass. WM. SCOTT.

HELIANTHUS ORGYALIS.

The sunflower family, like that of the old woman who lived in a shoe, is a very nnmerous one, considerably over fifty species being known, chiefly indigenous to North America. Cook County, Ill., possesses fourteen species in its flora. A few are found in Chili and Peru. The common annual sunflower, H. annuus, originating in the western United States, is now largely grown in Russia for food, its seeds being used. Nearly all the varieties bear the common name sunflower in some form, even to the zig-zag sunflower (H. flexulosus), the main departure from this rule being the "Canada potato" and "Jerusalem artichoke," applied to H. tuberosus. Of the numerous flowers mentioned by Shakespeare, the sunflower is not among them. Being pre-eminently an American flower, it may not have been common during his time. Still, he does not mention such flowers as the fox-glove, forget-me-not, the snowdrop or the lily of the valley.

The species illustrated, Helianthus orgyalis, is a native of Texas, and is known as the graceful sunflower. It is one of the tallest of the family, growing eight to nine feet, in tall, slender shoots, bearing long, willowy leaves. It blooms in October on slender side shoots, the flowers a deep lemon-yellow, with dark centers. A well-grown plant will produce spikes of bloom four feet long. This species can be used very effectively in groups if placed in a sheltered position, where the winds will not break them down. It is a hardy perennial.

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AMONG CHICAGO GROWERS.

Stollery Bros.

In addition to their chrysanthemums, noted elsewhere, Stollery Bros. will this year bench about 8000 carnations including 3,500 Argyle (their own seedling), 1500 Daybreak, 750 Jubilee and 500 White Cloud. They have dropped McGowan which was formerly one of their most profitable sorts. Of the new sorts they have from 100 to 250 each of Gold Nugget, Kathleen

Helianthus Orgyalis.

Pantlind, Evelina, Red Jacket, Bon Ton and Oneida. They also have about 500 second year seedlings of their own.

From September 1, 1896, to January 1, 1897, they kept a record of the returns from their carnations by variety and found that during this part of the season the returns per square foot of bench surface were as follows: McGowan 23 cents, Argyle 20 cents, Scott 17 cents, Daybreak 15 cents, Albertini 13½ cents. They would keep up the record regularly but find it very difficult to secure returns by variety from the commission houses, most dealers simply reporting sales of "carnations" regardless of the variety.

In 1895 they got a record for the full season and it showed total returns of 54 cents per square foot of bench surface for McGowan, 46 cents for Albertini and 41 cents for Daybreak.

In 1895 they also secured a record of returns from their roses. Of American Beauty they had 320 plants occupying 490 square feet of bench and these produced 6,100 blooms, the returns from sales making an average of 88 cents per square foot of bench. Cusin was then grown and the returns were 51 cents per square foot, Bridesmaid 49 cents, Whitney 48 cents, and Bride 39 cents. They were surprised at the difference in the results from Brides and Maids as they seemed to produce about equally well.

One year Cusin had a big lead on all the rest, producing returns of $1.10 per square foot of bench. They later abandoned Cusin to put in Morgan and Morgan didn't pay at all. They now grow only one house of roses—Brides and Maids—simply for their local trade.

They are growing about 400 poinsettias this year, having a little room not occupied till Christmas. The plants are now being shifted into 3-inch pots and the new soil rammed very tightly. The firm potting is to keep them dwarf and hard so as to preserve the lower foliage and prevent their becoming "leggy." In the old country Mr. Stollery had poinsettias for Christmas that were in 5-inch pots, only 18 inches high and with bracts 22 inches across. He will try to prodnce some of these here and believes they ought to bring a good price.

They have some local trade in bedding plants and geraniums are an important feature. They are very favorably impressed with Alphonse Ricard, much the same color as Bruant but a better and larger flower. They are anxious for something to take the place of Bruant which has given much trouble by the plants coming blind. A row of the dwarf geranium Mars is now wonderfully showy. The flowers are salmon pink bordered with white and are produced in great profusion.

The grasshopper plague is upon them. Countless numbers of them are making their appearance. They eat the carnation flowers and buds and most anything else that comes in their way. Lately they have developed a taste for palms and the leaves of some have been sadly damaged. Does any one know how the pest may be successfully combatted?

No new glass is being added at this place but work has been started on a new office which will have a cellar beneath, the cellar to be used for cooling the flowers after cutting.

August Dressel's.

August Dressel is one of the veterans of the craft, having been in the busi-

Partial View of a Pond of Aquatics, with Herbaceous Border in background, at H. A. Dreer's, Riverton, N. J.

ness in Chicago for thirty-two years. When he came to this city there were only six florists here. He was at first in the employ of Martin Lewis, then a florist but now a well-to-do real estate dealer in Evanston. Mr. Dressel soon started in business for himself and is widely known.

He is gradually lessening the space devoted to roses and will this year grow only four houses, about equally divided between Beauties, Brides, Maids, Kaiserin and Siebrecht. He finds the latter deficient in stem but it is so free in blooming that it is profitable. He will this year experiment with a house of roses in solid beds which are practically hot-beds. These contain a layer of about two feet of manure with the usual depth of soil on top. He used to grow them with this bottom heat in Europe and thought would try the plan here and see how it worked.

He is now benching his chrysanthemums, of which he will have about 20,000. The varieties he is growing in largest quantities are Robinson, Ivory, Bonnaffon, Murdock, Mayflower, Harry Widener and John E. Lager. Others grown in lesser quantities are Whilldin, Glory of the Pacific, Pres. Smith, Bergman, Merry Monarch, Jones, Wm. Simpson, and a few other scattering sorts. One variety he thinks well of very closely resembles L. Canning, and for lack of a name he calls it Canning. He would be pleased to know its right name. He considers John E. Lager his best early yellow. He likes Wm. Simpson, though with him it is a little "slim and long-legged." He is well pleased with Murdock. Last winter he had a good crop of this sort as late as Christmas.

Of carnations he will have this season 3,000 each of Scott, Daybreak and McGowan and 1,000 divided between quite a number of other sorts, including Helen Keller, Meteor, Albertini, Bridesmaid and others. Albertini is still a leader with him and he considers Bridesmaid one of the best. For school closing week he picked 15,000 flowers which found a good market, but demand has since dropped sharply.

He is now cutting flowers from a house of Asters. He don't remember the date he benched them, but does know that it was about two weeks late and says there is not much show for asters with plenty of carnations in the market.

He follows his chrysanthemums with lilies, azaleas and various pot plants, and sometimes with carnations that have been carried on in pots till the chrysanthemum crop has been marketed.

He has grown bedding plants extensively but is gradually working out of it. He grew 10,000 geraniums the past season and all sold but prices were low. He had a good variety of pelargoniums, but they don't pay at the price that can be had.

He has several houses of palms and ferns and is increasing his space devoted to these. He has a fine lot of small latanias growing on.

His place is heated by steam and the lay of the land is such that he couldn't use hot water, but he believes hot water is the most economical. For a place of his size he finds it necessary to have both a day and night fireman and these two must both be men of some skill, while with hot water less expensive help and less of it would be necessary. And while the first expense of the piping is in favor of steam, he finds that the pipes rust out in six or eight years, while with hot water he believes they will last fifty years. Then again with the steam pipes there is a good deal of repairing and fixing to be done every year. He believes his expense in this direction will amount to $100 a year while with water it would not amount to $10. However, steam has an advantage in that it is much easier to make changes in the steam pipes than it would be with hot water. The rusting out of the steam pipes may be due to the fact that they are alternately full and empty, whereas the hot water pipes are always full, thus excluding air at all times.

John Lang's.

John Lang is this year growing quite a lengthy list of chrysanthemums. He has 1,200 Jones, 600 each of Maud Dean, Glory of the Pacific and Golden Wedding, 500 Bonnaffon, 400 each of Robinson and Wanamaker, 300 each of Mayflower, Lincoln, Ivory and Morel, 200 each of Yellow Queen, Fitzwigram, Whilldin and Pink Ivory, and 100 each of Montmort, Mrs. Geo.

S. Kalb, Frank Hardy and Elvena. He would grow more Mayflower, but it does not propagate easily. It is two weeks earlier than Jones. His plants are now in pots plunged in an open frame outside and would much rather have them outside until they can be planted out on the benches. Some five or six hundred will remain in pots and be grown on for pot plants, and will be marketed when in 6 and 7-inch pots. They will be kept dwarf and grown on side benches or they wouldn't pay at the price obtained, which is $3 to $4 per dozen, and he can't find a market for a greater number than above noted.

He will have only one house of roses, including Brides, Maids and Perles.

Of carnations he will have 4,000 Wave, 3,000 McGowan and 1,000 Scott. Of the new sorts he is trying only 50 each of Evelina, Gold Nugget, Cerise Queen, Argyle, White Cloud and Bon Ton. He maintains a temperature of 50 to 52 degrees.

In making his carnation soil he uses half clay from the river bank and half light soil and then adds one-fourth its bulk of manure.

He grows quite a stock of bedding plants for wholesale trade. Geraniums went well, but at low prices. His varieties include S. A. Nutt, Bruant, Jas. Vick, Centaur, Clifton, Pink Perfection, La Favorite, Mrs. E. G. Hill, Ernest Lauth, Atkinsou, Mrs. Gaar, etc. He has had some trouble with Bruant coming blind, though he finds they bloom all right after being planted out. He has had less of it this year than formerly by carefully selecting the stock to propagate from. He has also had some trouble from the leaf disease and find the plants grow out of it when planted out in the field.

He noted less call this year for pelargoniums, ivy leaved geraniums and echeverias. Cannas, heliotrope, fuchsias (mainly Black Prince) and alternantheras went as well as ever. In alternantheras, paronychioides major was decidedly in the lead as usual.

As a market pot rose he has found nothing to take the place of the old Hermosa. He finds it a better bloomer and more satisfactory than Soupert.

He is now rebuilding two of his houses, but will not add any new glass. He has a total of about 15,000 feet of glass.

Joseph Lang's.

Joseph Lang is going more largely into ferns and has quite a stock of Pteris tremula, P. serrulata, P. serrulata cristata, P. cretica albo-lineata, Nephrolepis tuberosa, N. exaltata Bostoniensis, Nephrodium molle, and others. He grew Nephrodium molle for the first time last year and it sold well. He sells almost entirely to retail florists who have fern dishes to fill. For this work he also finds Peperomia Saundersli, and Isolepis gracilis in good demand. He grows quite a lot of Cyperus alternifolius, and as he can't get up stock fast enough by cuttings, he has several flats of seedlings coming on. Dracaena indivisa seems in good demand. He grew 3,000 last season and cleaned out. Begonias metallica and manicata aurea maculata sold very well this season. He also grows bedding plants and marketed 10,000 geraniums this year.

CHRYSANTHEMUM NOTES.

Stollery Bros., Argyle Park, Chicago, send excellent blooms of chrysanthemums to the Chicago market. Their place is moderate in size but well handled, the two brothers taking care of every detail in person.

For the coming season they have benched 300 Yellow Queen, 75 Elvina, 150 Geo. S. Kalb, 100 Mayflower, 500 Golden Wedding, 325 Mrs. H. Weeks, 100 Sunstone, 50 each of Pink Ivory and Maud Adams, and 150 each of Maud Dean, Viviand-Morel and Western King.

They grow nearly all their chrysanthemums with two flowers to a plant and find they get much better returns per square foot of bench in this way than when grown one flower to a plant. Their rows are 10 inches apart and the plants 8 inches apart in the rows. To get the same number of flowers from an equal surface with only one flower to a plant the plants would have to be placed only five inches apart and if set thus close of course there would not be enough light and circulation of air among them to preserve the lower foliage. While some varieties will not produce the best results with two flowers to a plant the great majority will. Mayflower, Bonnaffon and Ivory produce better flowers where there is only one to a plant. Viviand-Morel will produce three good flowers to a plant as easily as one. The largest flowers of Morel they ever had were grown three to a plant.

Mr. Stollery would not care to plant closer even if he were growing but one flower to a plant. And to say nothing of the increased production per square foot of bench surface there is a very great saving in plants. To get 4,000 flowers from 2,000 plants is a very great advantage in saving the expense and labor of propagating and growing 2,000 plants to a suitable size for benching.

Mr. Stollery considers Yellow Queen decidedly the best early yellow, but thinks Solar Queen may crowd it for first place.

Elvina is a very beautiful shell pink that blooms with Yellow Queen. It is a poor propagator, but grows well after it gets a start.

He believes that Geo. S. Kalb has no competitor as an early white.

With him Mayflower still holds its place as one of the best whites. He sees no profit in Ivory. He can produce just as many Mayflower on an equal space, and they will sell at $3 a dozen while Ivory will bring only $1.75 to $2. With them Mrs. Jerome Jones has always been prone to drop its petals and it is not so good a seller as Mayflower.

He believes Mrs. H. Weeks is a coming midseason white if the flower doesn't prove too soft. It has the appearance of being a poor shipper, but he thinks this is in appearance only. At the last exhibition he noted that the flowers stood well to the last. He believes this variety will give Mayflower a hard push for first place.

Sunstone has a very nice habit with fine stem and foliage. The color lacks in positiveness, but it is pretty and the plant is a good grower. He has dropped Modesto on account of its weak stem .

Golden Wedding is his banner yellow. It takes no more room than Bonnaffon, is as sure to come and the blooms will bring $3.50 to $4 a dozen while Bonnaffon brings only $2.50. He has never had any disease among his plants of Wedding. It is rather a tall grower and needs head room.

With him Pink Ivory (Miss Agnes Dalskov) came pink the first year, but after that it came white. He can't understand it. The plants couldn't have become mixed, as he never had a plant of white Ivory on the place. Mrs. Perrin has a fine color, but he can't get any size into it and don't want any more.

As a late yellow Maud Adams takes a high place. It follows Wedding, and the flowers are similar to those of Bonnaffon, but larger. One objectionable feature is its height, as it will go up six feet.

With him Maud Dean is the best all round midseason pink. Her only defect is that she has an eye and keeps it open. Viviand-Morel has been the most profitable of the pinks, but of late has been very erratic as to color.

Western King was unsatisfactory last year, but he will give it another trial. It made buds fast in a small state and he couldn't get it to make a good growth. It was sent out very

Partial view of a field of Japanese Iris, with Nymphaea Odorata Rosea in foreground, at H. A. Dreer's, Riverton, N. J.

late in the season and he thinks this may have had something to do with it.

In 1896 he kept a record of the returns per square foot of bench surface from a number of varieties and below is the result. Viviand-Morel 56 cents, Yellow Queen 50 cents, Robinson 47 cents, Mayflower 46 cents, Golden Wedding 46 cents, Dean Hole 35 cents, Pink Ivory 32½ cents, Jerome Jones 25 cents, Bonnaffon 20 cents.

Last year their largest bloom of Morel was 7 inches across and 7 inches deep, a remarkable depth for Morel. Their largest flowers of Mayflower and Golden Wedding were each 7 inches across and 6 inches deep.

Of the new varieties they are trying this year a few each of Mrs. Arthur Caton, W. H. Chadwick, Mrs. C. H. Peirce, Solar Queen, Frank Hardy, Blackhawk, Spottswood, Robt. Carey, Alice F. Carey, Gladys Vanderbilt, Autumn Glory and half a dozen new French varieties.

They will follow one house of chrysanthemums with Japan longiflorum lilies and hydrangeas and another with sweet peas. The sweet peas will be sown about the middle of August, a dozen seeds in a 4-inch pot. These pots will stand out in a cold-frame till the mums are cleared away late in November and the benches filled with fresh soil. Then the pots of sweet peas will be planted out in the beds about twelve inches apart. The vines will be trained on the same strings that were used for the mums. They expect to begin cutting flowers by Easter or before, depending upon the weather, the sweet pea having proved rather capricious as to time of blooming under such conditions. The pea produces flowers from each leaf axil and they find that about three of these blast and then they begin to come perfect. They are curious as to the cause of this.

When the sweet peas get short stemmed and low in price they pull them out and use the house for bedding plants.

If they had more houses they would follow one house of mums with roses for summer blooming.

WATER AND SUNSHINE.

The following, rather interesting communication, has been referred to me for remarks:

So much is said about watering flowering plants when sun shines, that I wish a word from you. At Richmond, Va., but a few feet above tide water, I continued this for years, and noticed no harm from it, yet here on the Alleghanies, am again told to look out. What is it? Why, if so? I contend that the sun shines at and after a shower. And why should watering be worse? H. A. C.

West Virginia.

There is an ancient fallacy that if a drop of water remains on the leaf of a plant under glass and the sun should be shining at the same time that a burn or scald of the leaf will be the result. Somewhere in that grand old book "Lindley's Introduction to Botany," the author takes occasion to say that "Seeds will not germinate in the light." On the margin of the page in writing, very familiar to me and which was penned 60 years ago, is the simple word "nonsense." If as great a man as Lindley could assert what we all know now to be ridiculous, why should not lesser prophets fall into error.

Watering in our greenhouses is usually done in the early hours of the day in winter, so that excessive moisture may be gone by night, and in the hot days of summer it is best done towards evening when evaporation is not so quick and in their artificial condition the plants will have the hours of night to enjoy the humidity of soil and atmosphere, but how many times in May and June do you (or you ought to) damp down your houses? Under the benches and paths is the place to throw the spray of water, but thousands of plants get wet in the operation, and this is at about midday. And did you ever see any leaves burn from it? Never! If the leaves of geraniums, cannas, fuchsias, caladiums or any plants burned it was because they were parching dry and the fierce rays of the sun, through convex glass, produced a focus on the leaves. A plant with its tissues filled with moistures would take no harm, but a

plant wilting for want of water would readily burn.

Then again it is well known that almost all plants will endure without harm a wetting or syringing of their foliage with water at a much higher temperature than the insects that infest them can stand or much higher than would be endurable to our own bodies. Perhaps this is accounted for by the fact that what we now call the vegetable kingdom grew and flourished thousands of years before anything like ourselves appeared on the earth, and when the earth and the waters thereon were much warmer than they are now. Could the sun shining through the glass raise the temperature of a drop of water to such a heat that it burnt the leaf? No, more likely the water would protect it.

There is nothing like experience. This spring when all hands were busy I had to give one man the job of watering. He began at 7 a. m. and went from house to house using the hose every hour of the day and finishing up in the evening with the stuff that was in hot beds and cold frames. Did I see any harm? No, only that he did not get round fast enough to suit me. Never let a plant suffer for want of water. Apply it at high noon if necessary.

The correspondent says: "The sun shines at and after a shower. And why should watering be worse?" It is true it does and in our northern climate this occurs mostly in April and May, and nothing but a fresh outburst of growth and gladness is imparted by these sunshine showers. In conclusion, why, except in very busy times, is there any occasion to do watering or syringing except in the morning or towards evening? There is not, but when circumstances compel you to water either inside or outside, however hot the sun, don't be afraid of any injurious results either to your plants or yourself.

WM. SCOTT.

Painting, Repairing, Etc.

There is a great inclination to take a rest after the chrysanthemums and roses are planted, but you will enjoy a vacation much better later on when you know that all necessary repairs have been done. Simply don't put off painting, glazing or bench building till cooler weather. There is no time quite so void of gardening operations as the present month and after that every week brings an increase of your cares.

For the past two years I have used mastica on houses where the glass is lapped and have every reason to be much satisfied with it. It is almost impossible to get white lead into the more or less open spaces between glass and bar. It would take a long while to do it so thoroughly as mastica. If appearance is a great consideration a coat of white lead can be put on afterwards, but mastica is what will make an old neglected house almost air tight and stop the drip. It should be put on in warm weather or it will not run freely.

Those wise, prudent and prosperous men who yearly paint all their houses will not need mastica, but how many neglect their painting till they find the glass loose and an inside shower bath during a rain. A great many large commercial growers now butt their glass, using the patent cap. The writer is such a thorough convert to this style of building that after an experience with a dozen houses he would never dream of building any other way. Often in these columns have the several advantages of this method been pointed out, and by no means one of the least is that every third or fourth year the glass can be removed, cleaned if necessary and the bars painted with comfort and ease, and they can be painted that way most thoroughly. It is safe to say you can remove and replace the glass, painting the bars on all sides quicker than you can paint the bars inside and out with the glass in and far better done, for it can be all done from the outside and crops undisturbed inside. He that has painted the inside of a house in the summer months with the glass on knows that he used an athletic body with a rubber neck.

In all places that have been built a few years there is bound to be a repairing of benches and will be till we use brick walls and solid benches and for all purposes this is not practical. Nothing is much more annoying than to see a board or plank drop down and let down a few roses or carnations or perhaps a dozen or two plants in pots. In different parts of the country different material is used for benches. In Ontario larch is considered the best. In the South, cypress would be cheap enough and grand for the purpose. In Michigan, Wisconsin and adjoining states the white pine is doubtless used. With us and where hemlock can be bought for $10 to $12 a thousand it is the cheapest and best all round material for bottoms of benches.

For some years I have used for all benches only 2-inch stuff of different widths. It will last more than double the length of time one-inch will and you save the labor of tearing out and replacing the bench, which is a considerable part of the cost. For carnations I use 2x6-inch and lengths to suit my supports; for plank, 12x2-inch. When a bench is pretty well gone, don't waste a new board by patching up. Pull down the whole bench, using what plank is good on one end or another bench, so that when it goes it will go all together.

Some of my friends are skeptical about the use of cement on the new boards. I am certain it will add to the life of the boards or planks one-third of their time. It is useless to apply it to old planks soaked with water and dirt, but when applied to new clean boards it is of the greatest use and costs but little to put on. Hydraulic cement is cheap and mixed with water just thin enough so you can spread it on the boards is the way to do it. The surface of the joists or supports should have a thick dose of it for where the boards lay on the cross-pieces is just where the rotting begins. Some use quick lime for the purpose. It is not half so good, but old benches when emptied of the soil or sand and washed off with the hose must be benefited by a coat of quick lime for if doing no other good it must destroy many germs or spores of our enemies. You will be planting carnations end of August, so don't delay in getting benches in good repair directly it is discreet to empty them.

Fuchsias.

It is about time to select one or two plants of each variety of fuchsias that you wish to grow. Six varieties are enough for anybody except a catalogue man. They should be strong plants with plenty of wood in them. Plunge them out of doors and the wood will ripen gradually and be ready for a few weeks' perfect rest in October and then be in good condition to give early and strong cuttings.

Primula Sinensis.

One of the small tender plants that we are caring for now is the Primula sinesis. If they are in 2-inch pots a shelf in a shaded house will suit them best. The only advantage of a raised shelf over an ordinary bench is that they get a much better circulation of air round them and start off robust and strong. The past season has been rather discouraging in plant sales except on occasions like Christmas and Easter, and of course excepting the

always increasing demand for the standard bedding plants.

Plants that went slow this year were calceolarias, cinerarias, gloxinias and the show pelargoniums. An exception to these were the cyclamen and primula, which people seemed to ask for at all times.

Cyclamen.

Cyclamen, whether they are in a house that is abundantly ventilated, bottom and top, or in a cold frame with a shaded sash or cloth over them during the hot hours of the day, require the same points of culture. As soon as showing strong roots in present pots shift into a size larger. It is a fatal mistake to stunt them. Keep clear of aphis. A slight syringing every day and never let them suffer from extreme dryness or want of water.

W. SCOTT.

THE FLORISTS' REVIEW

G. L. GRANT, EDITOR AND MANAGER.

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THE OMAHA CONVENTION.

Preliminary Programme.

Tuesday, August 16th, 10:30 a. m.

Address of welcome.

Response.

President Gude's address.

Reports—Secretary, treasurer, state vice-presidents, standing committees, special committees.

Appointment of exhibition judges.

Miscellaneous business.

On the afternoon of the first day the judges will examine and prepare their reports upon the trade exhibition.

Tuesday Evening.

President's reception, in the church parlors.

Wednesday, August 17th, 10 a. m.

Reports of exhibition judges.

Action on proposed amendment to By-Laws.

Action on recommendations of executive committee to establish permanent departments of Credit Information, Co-operative Purchase, Claims, Arbitration, and Legislation.

Selection of place of meeting for 1899.

Nomination of officers.

The Question Box.

Sessions of the Chrysanthemum Society of America, 2 p. m.; Florists' Hail Association, 3 p. m., and American Carnation Society, 4 p. m., will be held on Wednesday afternoon.

Wednesday Evening.

Essay—Trade Exhibitions; Their Value to the Florist Trade, by E. H. Cushman, Euclid, O.

Question Box.

Thursday, August 18th, 10 a. m.

Discussion on "American Grown Bulbs," opened with paper by M. I. Kains, of Agricultural Department, Washington.

Election of officers.

Question Box.

Thursday Evening.

Essay—Comparative Effect on Improvement in Varieties and Improvement in Cultural Methods.

Essay—Grafted Roses for Growing Under Glass.

Friday.

Visiting, sightseeing and the Exposition.

The Trade Exhibition.

This will be a grand exposition of the latest improvements in all requisites for the greenhouse and other departments of the florists' business; models of greenhouses and apparatus; new and rare plants; garden implements; bulbs, seeds and supplies. The exhibition hall is in basement of the church where the sessions of the convention will be held. A very large amount of space has already been rented and intending exhibitors should make application at once to the superintendent for such accommodations as they require.

Revised rules relative to the judges' duties and method of making awards may be had on application to the secretary or the superintendent of exhibition.

A Special Medal Competition.

The Society of American Florists offers six silver and six bronze medals to be competed for at Omaha, as per the following schedule:

Cannas, display of 12 varieties in pots, not to exceed 25 plants in all.

Caladiums, 12 fancy foliage varieties in pots, one plant of each.

Display of American grown bulbs.

Mantel decoration of plants or flowers, or both, to be kept in good condition throughout the exhibition.

The silver medals to be awarded for the best in each of the above classes, and the bronze medals for the second best. One silver and one bronze medal additional to be left to the discretion of the committee to be awarded to any display of plants, showing advancement in culture or of special value to the trade. No awards shall be made in any class where in the opinion of the committee the quality of the exhibit does not justify it. This department will be kept entirely distinct and separate from the trade exhibition. No entry fee or charge for space will be required and no advertisement or card of a business nature shall be used. Entries should be made with the secretary of the S. A. F.

N. B.—All persons winning any awards of value at the exhibition of the S. A. F., if not already members of the society must so qualify themselves before receiving such award.

An Exhibition of Photographs.

All persons having photographs of floral decorations and design work are invited to send same to the convention hall, in care of the secretary, where they will be displayed on exhibition, and a competent committee will be appointed to examine and award such recognition as the quality of the work represented may justify.

The Question Box.

The Question Box will be as heretofore, an interesting feature of the meetings. Members are requested to forward inquiries intended for the Box to the secretary previous to the meeting, when practicable, so that they may appear in the regular program.

Mr. Lawrence Cotter proposes the following amendment to the By-Laws:

To amend clauses 2 and 3 of Section VI, relative to nominations and elections by the addition of the following words: Provided, however, that any name, in order to be thus officially declared for any office, must have received at least ten per cent of the total vote cast, so that the clauses 2 and 3 shall read as follows:

2. Members shall in the blank spaces so provided insert the names of their candidates for the designated offices. These ballots shall be collected by tellers duly appointed by the Chair, the results tabulated in the presence of the members of the executive committee, who may be present, and announced by the secretary; the two nominees receiving the highest number of votes for each office being then declared the candidates for election for the ensuing year; provided, however, that any name, in order to be thus officially declared for any office, must have received at least ten per cent of the total vote cast.

3. Should either of the two nominees receiving the highest number of votes decline to stand as a candidate, the nominee receiving the next highest number of votes (if not less than ten per cent of the total vote cast) shall be declared a candidate.

New Special Departments.

The executive committee at its meeting in Washington, D. C., March 15th and 16th, 1898, voted to recommend the establishment of new departments, under the supervision of the society, as follows:

1. A department of Credit Information, whose duty it shall be to furnish information concerning the business standing of persons in the trade; said information to be furnished at $5.00 per annum and to members of the S. A. F. at $1.00 per annum. To be in charge of a committee of three, appointed by the president, subject to approval of the executive committee.

2. A department of Co-operative Purchase, the object of which will be to secure for members of the society the low prices on various greenhouse supplies which may be obtained through co-operative purchase in large quantities. To be managed by a committee of three, to be appointed by the president, subject to approval of the executive committee.

3. A Legislative Department, whose duty it shall be to discourage adverse legislation, state or national, and encourage legislation favorable to the trade. To be in charge of a committee of three, appointed by the president, subject to the approval of the executive committee.

4. An Arbitration Department, whose duty it shall be to promote the amicable adjustment of controversies between members, when requested by parties interested to do so. To be in charge of a committee of five, appointed by the pres-

ident, subject to the approval of the executive committee.

5. A Claim Department, whose duty it shall be to look after the adjustment of claims of members against transportation companies. To be in charge of a committee of three, appointed by the president, subject to the approval of the executive committee.

BOSTON.

Review of the Market.

Anybody to go the rounds among the trade would know that business is almost at a standstill, and would miss the sight of many familiar countenances, some having been laid off for the summer, others killing time at the sea shore and the mountains. Those left at home manage to catch a little funeral work, which is the only thing now in the way of business. The growers, what few come in from day to day, are now dependent on the fakirs almost entirely, and it is surprising what quantities of stuff they manage to dispose of.

Prices are very irregular—up today and down tomorrow—especially at the co-operative market. Roses are in good quantity, $5.00 per hundred being the asking figure, with Kaiserins of fine quality held at $8.00; Meteors, plenty, averaging $6.00; some elegant Beauties sell anywhere from $2.00 to $4.00 per dozen.

Carnations are a drug, especially whites, of which Mrs. Fisher is very much in evidence; asking prices are from 50 cents to $1.00 per hundred, but during this week they have sold as low as $1.00 per thousand. Valley, plenty, quality fine, is held at $4.00.

Peas, druggy, quality poor; held at from 50 cents to $1.00 per thousand. There are still plenty of lilies in the market which sell readily at $5.00 per hundred. Asters are becoming more plenty, but of small size, owing to excessively hot weather; $1.00 per hundred is the ruling price. Odds and ends of seasonable flowers are in sufficient quantity to supply the demand and it is a case of sell for what you can get.

The Weekly Exhibition.

This week's show was advertised as a hollyhock exhibition, but owing to backwardness of season only a few made their appearance. Native hardy flowers were most in evidence, being exhibited by Mrs. W. S. Eager, who received first prize, while the Misses Doran were awarded second and Miss Genevieve Doran third. Miss Hattie B. Winters was awarded first prize for a vase of flowers arranged for effect, Mrs. E. M. Gill second. Gratuities were awarded to E. Sheppard & Son for Iris Kaempferi; R. and J. Farquhar & Co. for auratum lilies and Kaempferi; Mrs. A. W. Blake for a nice collection of delphiniums; W. M. Craig for Crimson Rambler rose and hardy phlox; Rea Bros. for a collection of herbaceons flowers, and Miss Vivian May Norris for native hardy flowers. The Boston Mycological club made a very interesting display of mushrooms, named and labeled, which attracted a great deal of attention.

News Items.

The retail stores will now close daily at 5 o'clock, and most of them earlier on Saturdays.

Thomas F. Galvin and family are summering at Siasconsett, Mass., while both P. and Ned Welch are enjoying the salt breezes at Old Orchard, Me.

W. F. Malloy, salesman for E. M. Wood & Co., Natick, Mass., is spending his vacation in the neighborhood of Philadelphia, and W. F. Murphy, N. F. McCarthy's right hand man, is doing New York.

Galvin's employes are going away one by one, W. T. Henderson to Vermont; Charlie Malone to Nantucket, and Arthur Houghton leaves on the 21st for Vallejo, Cal., while James J. Coleman sails on Monday, the 11th, for Europe, looking after new attractions and novelties for next season. P.

ST. LOUIS.

The Market.

The week just passed was a very quiet one among the florists. This, of course, must be expected in midsummer. There is sufficient demand to consume all the good stock coming in. All kinds of roses are limited in quantity and sell out clean daily.

Beauties are very short in supply, demand fair. They sell at $2 per dozen. Brides, Maids and Meteors are in good demand; Perles very scarce. Carnations are not very good, being very small. Scott, Daybreak and any kind of red and white sell well; price still $1 and 75 cents per 100.

Of the outdoor stuff that comes in, sweet peas are about the only flowers that sell well. They are not so plentiful, but are better than they were; price 15 cents per 100.

Double and single tuberose stalks are becoming plentiful and go at 5 cents per stalk; some are sold as low as 50 cents per dozen. Cornflowers, iberis, phlox in all colors, hollyhocks, daisies, gaillardias, coreopsis, gladiolus and asters are very plentiful, but meet with very little sale, except the light colors.

Taking things in general, the wholesale men and the growers have nothing to complain of, considering this time of year.

News Notes.

Charlie Young returned home last week after a week's sojourn up north, with his wife and mother. Charlie will join them again in about two weeks and remain for the summer.

Chairman Kunz, of the transportation committee, reports that about 18 names have been handed him who will go to Omaha to attend the S. A. F. convention. Mr. Kunz expects about 24 to go when the time comes.

Mr. and Mrs. J. M. Jordan are still at Omaha and expect to remain there until after the convention. It is reported that Mr. Jordan's health has improved greatly.

Considerable talk is going around as to who is going to open the new wholesale commission house in the city this fall. Surely there is a grand opening for a first-class house of this kind.

The picnic committee is progressing most favorably. The tickets and programs will be out this week for distribution. Our Belleville members state that they will leave no stone unturned to make things pleasant for all who attend. Now, then, let every florist and his friends come forward and make this outing a grand success.

W. E. Jordan bought the greenhouses of the Jordan Floral Co. on July 1st. Willie will continue them in growing plants and cut flowers. The houses will have no connection with the Jordan Floral Co., at 822 Olive street.

Henry Berning of The St. Louis Cut Flower Co., left Monday morning for a trip through Indiana.

The St. Louis Cut Flower Co. will, on Sept. 1st, move from 1620 Olive street to 1322 Pine street, the former location of the late Mound City Cut Flower Co.

Bowling Items.

The bowling club rolled Thursday night and from the scores, which will be found below, it would appear that all the bowlers must have had a glorious Fourth. The night was also very damp and hot and, as Dr. Helwig says, the pins stick on a damp night. That may be the reason of the poor scores, which were as follows:

	1	2	3	Tot.	Av.
Emil Schray	198	157	131	486	162
J. W. Kunz	153	158	144	455	151
J. J. Beneke	138	167	149	454	151
Dr. Helwig	128	137	177	442	137
Fred Weber	145	139	110	394	131
C. A. Kuehn	128	145	118	391	130
C. C. Sanders	134	101	135	370	123
F. Fillmore	108	108	139	355	118

The weather was nice and cool Monday night and nine members rolled three games. A meeting was held after the rolling and it was decided to roll for the next five Monday nights at our old regulation alleys at 6th and Pine streets. The following are the scores:

	1	2	3	Total.	Av.
J. J. Beneke	130	218	176	524	175
Carl Beyer	138	131	189	458	152
Dr. Helwig	183	97	170	450	150
C. A. Kuehn	144	152	153	449	149
Fred Weber	107	139	172	418	139
John Young	114	156	108	378	126
John Kunz	135	119	115	369	123
C. C. Sanders	129	105	132	357	119
F. Fillmore	86	80	105	271	90

J. J. B.

PHILADELPHIA.

The week opened with the "Glorious Fourth" and a hotter morning may Philadelphian nor Spaniard ever feel. All our soldiers being away at Mt. Gretna, Tampa or storming the outworks of Santiago, it behooved the city fathers to give us something to look at besides bands and the G. A. R. A floral procession was one of the novelties hit upon and Hugh Graham's son decorated some two dozen equipages in

most gorgeous style. The growers were made a bit anxious by a lively fall of hail that same afternoon, but no harm was done.

Tuesday was club night, but between the postponed fireworks and Mr. Westcott's fishing party, the attendance was small, though select. It really was too bad of John Westcott to go fishing, because he was billed to coax us to go to Omaha. However, Mr. Kitt did his best to get a good delegation from this city for the convention. Competent judges say we will go about twenty-five strong; that would be doing pretty well for a trip across the continent.

The cut flower market is seedy—not a nice expression, but very expressive. The demand is rather light. Some real good Kaiserins are seen. Asters are becoming more plentiful. The heat and rain early in the week nearly did up sweet peas, but the cool weather aided by the hose has rejuvenated them and some very good flowers are being cut.

The parks in the neighborhood of the city are in their glory now. Willow Grove, built by some stockholders of the Union Traction Company three years ago, is a place of good natural beauty, which has been greatly enlivened by art. David Joyce, for many years head gardener on the old Carpenter place at Mt. Airy, has charge of the grounds. A good deal of shrubbery has been planted. Geraniums are the favorite soft wooded plants, preference being given to solid colors in planting beds. There is a water lily pond and some large specimen palms. The whole effect is exceedingly beautiful and of great benefit, giving to hard-working city people all the refining influences of a beautiful country place.

J. W. Y.

CHICAGO.

The Market.

There is nothing new to report regarding the market. Good rose stock is coming in and meets with a fair demand, though the supply is still limited. Maids and Brides are still quite short stemmed, but Meteors are very fair in this respect. Beauties are still scarce and those that are to be had, if good, are easily disposed of.

Carnations from outside were seen in several places. Mrs. Fisher and Portia are very fair and do not have much difficulty in finding a market.

The demand for longiflorum lilies, which was noted last week, has subsided. Sweet peas still remain an absolute glut; the price realized, 10 cents a hundred for A1 stock, scarcely pays for the picking.

Adiantum continues scarce. Smilax is quite plentiful and choice strings sell at $1 a dozen.

Club Outing.

The club outing at the establishment of Messrs. H. & R. Hilmers, at Blue Island, proved a most enjoyable affair. The weather was delightful and there was absolutely nothing to mar the pleasures of the afternoon. After an inspection of the greenhouses and the fine display of hardy plants the visitors explored the spacious grounds and finally congregated in a large canvas-covered temporary shelter on the lawn, under which was a long table, at which were seated at one time the entire company of 95 people. An excellent lunch was served, with abundant liquid accompaniment, which was partaken of with decided relish by all. Certainly none could have been thirsty at any time, for waiters were busy during the entire stay of the visitors serving lemonade and other drinks to all. And there was a vine-covered summer house which seemed to contain an inexhaustible supply.

Mrs. Hilmer's special invitation to the ladies brought out the largest attendance of the fair sex ever seen at a club outing. In addition to other attractions there was an outdoor donkey party for their amusement and all entered heartily into the fun of the occasion. It is to be hoped that the ladies will be present in equally large numbers at future outings of the club.

After giving Mr. and Mrs. Hilmers a unanimous vote of thanks for their kind hospitality the party returned to the city, and the event will long be remembered as one of the most pleasant in the history of the club.

The next outing will be at the establishment of Messrs. Reinberg Bros., at Summerdale, Sunday, July 24. The party will take the 1 p. m. train at the Northwestern depot, reaching Summerdale at 1:20. Returning there are trains at 5:37 and 6:53, and in fact every hour. Messrs. Reinberg Bros.' immense range of glass is always of great interest, and the social features promise to fully equal if not exceed those at any previous affair of the sort. Those coming by the train above noted will be supplied with transportation by the generous hosts of the occasion.

To Omaha.

The Chicago Florists' Club has made special arrangements for transportation to Omaha for the convention, via the Chicago, Burlington & Quincy R. R. The round trip rate will not exceed $17 and this may be shaded somewhat. A special car has been arranged for and berths may now be reserved in same by addressing G. L. Grant, 334 Dearborn street. The sleeping car fare is $2.50 each way. All in the trade who wish to do so are cordially invited to travel from Chicago with this party. It is expected that the eastern delegates will travel on same train from Chicago on. The Chicago delegation promises to be large and a pleasant time is assured.

Various Items.

Mr. E. H. Hunt has returned from West Baden, but is still in very poor health and is as yet unable to attend to business. He is thinking of visiting Colorado in search of a more favorable climate. His many friends in the trade will wish him a speedy recovery.

Friedman & Allen's suit against the horse show managers for $200 for extra floral decorations has been settled out of court for $25 and attorney's fees.

Mr. J. J. Hess, of Omaha, passed through the city last Wednesday on his way east.

Bowling.

Only eight of the bowlers were at the alleys last Friday evening. Following are the scores and averages:

	1st.	2nd.	3d.	4th.	Av.
J. S. Wilson	146	124	140	132	138
Geo. Stollery	158	146	105	111	130
Jno. Degnan	129	135	108	106	120
Geo. Headworth	130	116	113	117	119
C. Pruner	105	119	109	...	111
Fred Stollery	134	110	96	103	110
H. B. Howard	90	103	105	...	96
C. W. Erne	100	106	100	68	93

NEW YORK.

Seed and Bulb Trade.

The fall bulb business might be said to have commenced this week. Every year the Harrisii shipments seem to be made earlier, and now while we are scarcely in the second week of July, the first large consignment of Bermuda Harrisii has arrived at this port, some 600 cases having arrived on the steamship "Orinoco" yesterday. From accounts they are mostly the small size, however, for early forcing.

The earlier reports that the general crop would be short seem to be borne out by fact, and from present indications it will be nearly 50 per cent. less than last year. I believe, however, that the higher prices secured in Europe last year have had the tendency to make growers send larger shipments to the other side, where it is yearly increasing in popularity. Hence the shipments here will fall off considerably, coupled with the fact of the many losses incurred by disease.

I learn from a good authority that the prices of Harrisii have advanced considerably, and growers are now securing the same price on Bermuda docks as quoted formerly f. o. b. New York city.

Mr. W. J. Elliott, of William Elliott & Sons, will take a brief vacation with a party of friends sailing next Saturday on the schooner yacht "Elsie Marie," calling at all the principal points on the New England coast. Mr. Elliott, who is the senior member of the firm, has earned a well deserved rest, and we take pleasure in wishing him a pleasant trip and safe return.

N. Y. Market Florists' Association.

The special meeting of the above association was held this (Monday) evening at Clinton market, to discuss the advisability of continuing the stands during the summer months.

The meeting, for some reason, was unexpectedly small, only about twelve members being present. Mr. H. C. Steinhoff, in the absence of President Lehnig, was voted to the chair. After the minutes of the previous meeting had been read and accepted, the only name for nomination was Mr. R. W. Clucas, of the firm of Clucas & Boddington Co., who was unanimously elected.

After considerable discussion it was brought out that about eighteen members wished to continue their stands during the summer, but as all of the said members were not present, it was decided to adjourn the meeting for a week to meet at the same place, and the secretary was ordered to notify them by letter, stating the object for meeting. After some desultory conversation it was the general sentiment that the market had been a success. Ex-Alderman Morris, however, drew attention to the fact that the demand for fall plants was increasing, while for spring stock it was decreasing, and suggested that the growers take due notice thereof.

Among the Wholesalers.

As to the wholesale cut flower business, there is very little to say different from last week. There is practically no business, and if there really was there are practically no good flowers, and so there you are. The warm weather has caused a perfect "evacuation" of flowers and buyers, and both are few and far between. There seem to be no roses grown around New York for summer flowering, and the regular stock is exceedingly poor. Coix lachryma (Job's tears) are quite popular in some parts of the city.

Various Items.

On the ill-fated steamship "Bourgogne" Mr. George Sotiropulos, who had a stand at the Broadway ferries, Brooklyn, was among the lost, and carried down with him 400 (French) napoleons, which he had in a belt attached to his body at the time.

Mr. Edmond Weathered, brother of Chas. B. Weathered, has been seriously ill with a complication of ailments at his home in Jersey City. I am happy to state, however, from the last report there was a favorable improvement and the crisis had been passed.

Mr. Victor S. Dorval, of Woodside, L. I., is erecting a new carnation house, 108x25, and will plant same with the leading old and new varieties.

BUFFALO.

The quiet of midsummer is upon us with full force. As evidence of that the last time the writer was downtown, which happens seldom, he called into the usually busy mart of W. F. Kasting, on Washington street. The second assistant was bossing a few small boys in sorting over last week's stock (nothing is wasted in this establishment). I was met with the information that the crowd was "next door"—that fatal next door that has lured so many young (and old men, too) to tarry round its fascinations when they ought to have been behind their respective counters. After pushing open several swing doors and away back in the recesses of the establishment, far from the July sun, seated round a table were half a dozen of the leaders of the retail trade. You may say the very cream of the business. The conversation was ostensibly the war, but an interchange of remarks was subject more to the result of certain number of spots than of shots. I have a sympathy for youth and expressed a wish that everything should continue regardless of the intrusion of age and morality. Such is the state of trade. A few very prominent citizens have recently passed away and it has made the demand for funeral flowers quite brisk in spots.

There is a great abundance of good carnations coming in. Among the best are those grown by Billy Stroh of Attica, Wise Bros. of E. Aurora and incidentally from Corfu come thousands of Genesee with many other varieties. It pays to take care of your carnations for what is there just now to take their place, and the public never tires. The tea roses that are seen look as if they had passed through an explosion aboard the Viscaya, though there are some notable exceptions.

Those people who condemn the Carnot rose should remember that for summer it is most beautiful. A few hundred plants lifted from a rose house bench in February, placed in flats and kept in a cold frame till middle of April, well cut down and planted in 5 inches of soil on a bench occupied all winter with carnations, have proved a great boon. There was a crop within 7 weeks from planting and now there is another much better than the first and how beautiful the large beds are. This corroborates the remark of that brainy man E. G. Hill when he said: "President Carnot is a grand summer rose." A house of it for summer should be quite as valuable as one of Kaiserin Augusta.

The beautiful varieties of delphinium, and many of them are grand, have helped to decorate store windows, but pond lilies and mud turtles are on the decline.

What a pity we don't get more visitors just now when we could show them our unequalled Delaware, North Linwood, Richmond and many other avenues.

Its a good plan to step into your patrons' grounds occasionally, especially if they have paid their bill and admire your handiwork among their flower beds. It shows you take an interest in their welfare. Some of our florists should stop a moment and notice a bed of tuberous begonias on the corner of Delaware and Summer. Talk about a bed of geraniums, glorious old plants as they are, these begonias are as a Mozart symphony is to a "Hot Time in Town Tonight."

The only stranger who has had the good sense to visit us lately was young Mr. Bell of Franklin, Pa., son of the well known W. T. His 6 feet of cleanly developed, enthusiastic youth was much enjoyed for a very brief time and then he stepped aboard the "Black Diamond" of the Lehigh system to investigate the age of the anthracite deposits of Scranton, Pa.

Scranton is near Wilkes Barre and that reminds me of "Bag him my boy George." The last time (about 2 months ago) that friend Fancourt was in Buffalo, himself and his better half (true in this case), Mrs. W. S., and Mr. Kasting sat in the Tifft house at dinner. At the next table, within a few feet, sat Youssuff, "the Terrible Turk," a name he never earned in his own country, for his was a mild, placid disposition. Some flippant New York newspaper boy gave him that name. The unconquered wrestler seeing two such strapping girls with such an attenuated support began to make luminous eyes away from his 3 pounds of underdone beefsteak, but no harm resulted. The Turk threw his man that night over the footlights and any other old place. And where is he now? Verily the love of gold was his ruin. If he had not had several thousand dollars in gold round his ample waist he might have swam and saved himself from the horrible scramble when the Bourgogne went down. There is something terribly sad about his end, and I trust the pigmies that he dashed to the floor in his marvelous strength will be men enough to shed a tear when reading of his untimely death. Poor giant, I trust nothing more ferocious or disturbing than the harmless codfish molests his resting place.

The only event among the florists outside of business is the purchase by S. A. Anderson of the beautiful sailing yacht "Daffordil." This yacht can sail two and a half miles an hour if the wind is in the right quarter. She is 22 feet, with her overalls on, 30-inch beam and draws 4 feet of water, but "Savie" says if I will go for a cruise he will endeavor to draw something else. Her main sail is 60x32 feet, her baboon is triangular 17x10x3. Her spanker, used only in a storm, is 18.3x11. He boards her in a cove of Canada on the north shore of Lake Erie. As far as crew is concerned, she is out of commission, but there is just room for me, for my love and my love's sister.

Mr. Wm. Belsey sailed for Liverpool on the Allen line about the second of the month. William believes in enjoying the fruits of his labors before it is too late. May his wanderings over the South Downs and other scenes of his boyhood be blessed with good health and a clear head. W. S.

IF YOU HAVE anything to sell to the trade, offer it in an adv. in The Review.

NEW SEEDS.

Primula, Florist Strain, trade pkt., 50c.; double trade pkt., $1.00. **Pansy,** Mitting's Giant Flowering, Florist Strain, trade pkt., 50c.; double trade pkt., 75c.; ¼ oz., $1.00; 1 oz., $4.00. **Pansy,** German, trade pkt., 25c; double trade pkt., 40c.; ¼ oz., 50c.; 1 oz., $2.00. **Cineraria,** Hybrids, trade pkt., 50c.; double trade pkt., $1.00. Above seeds have been tested and found 91 per cent. new 1898 seeds.

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25,000 SMILAX.

Extra Strong Plants, out of 2-in. pots, ready for immediate planting, at the lowest price ever yet quoted $1.00 per 100, $8.00 per 1,000. Cash with order. Bear in mind this is strictly first class stock and there is a large saving in freight buying out of 2-in. pots. First come, first served.

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20,000 Primroses, 2-in. pots. $2.00 per 100.

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10,000 Smilax, 2-in. pots, strong $5.00 per 1,000, 75c per 100.

Cineraria Grandiflora, August. $2.00 per 100

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...Special Offer...

SMILAX		$2.00 per 100
PYRETHRUM AUREUM	2.00	"
CINERARIA MARITIMA	2.00	"
" CANDIDISSIMA	2.00	"
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All strong plants from 2½-in. pots.

Send 10 cents for samples to

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Bride and Bridesmaid Roses, January struck cuttings, out of 2-in. pots, $3.00 per 100; $25.00 per 1,000, made out of strong 3 and 4 eyed cuttings.

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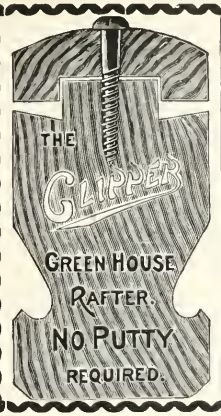

Butted Glass.

This is no longer an experiment, it has come to stay. There are various ways of making Butted Roofs, but the best way is with the

Clipper Bar.

With this bar you can make a roof that is absolutely free from drip, and glass cannot be torn out by the wind. Butted glass makes a tight roof, a warm house and saves fuel. It lasts longer, looks better and costs less than the old-fashioned roof. But do not think that this is the only bar we sell, for it is not; we furnish what people want and there is nothing in greenhouse material that you cannot get from us, and all of open-air-dried Cypress clear of bright sap, stained sap, knots and all other defects.

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LOW DOWN BUDDED ROSES

grown, a block of a quarter of a million, besides a fine lot of one and two year on own roots, all in nursery rows and about a million ever-blooming under glass. General line of Ornamental Trees and Shrubs, unexcelled in quality and quantity. Correspondence and personal inspection solicited. . . . . .

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Kraft's Plant Tonic... 99%

KILLS Scale, Mealy Bug and other Insect Pests, as well as imparting beauty and vigor to the plant

Will Kill the Mite that causes the Harrisii Disease

A trial of a 25-cent bottle will convince you that a really remarkable insecticide has been discovered. Send for circular.

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ROSES

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1st Class 2½-in. Pots

To close out at $1.50 per 100.

Cash with order. Come Quick. These are gilt edge or money refunded.

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EXETER, N. H.

On July 4th this section was swept by a tornado that caused a number of deaths and the destruction of much property. At Hampton Beach a large wooden building in which an exhibition was being given collapsed and the falling timbers killed four people and seriously injured many others. Among those killed was Mr. Hilding Karlson, of the florist firm of Hilliard & Karlson, of this city.

Mr. Karlson was a native of Falkenberg, Sweden, where he was born November 30, 1867. He was consequently in his 31st year. He came to this country in 1891. He was highly skilled as a florist, at which profession he had worked three years for H. J. Gilbert in Milton, Mass.; two years for E. M. Wood, of Natick, Mass., and one year for Bassett & Washburn, Hinsdale, Ill. Two years ago he came to Exeter, and quickly became a member of the firm of Hilliard & Karlson.

He was a most exemplary and popular young man, whose tragic and untimely death seems particularly sad. At the funeral the church was most beautifully decorated and the floral offerings were unusually numerous.

EXPLANATORY.

Editor Florists' Review: Permit me to offer a word of explanation in regard to the sale of my old place advertised in last week's Review.

My lease on the Frank street place expires this month. Part of the greenhouses there are mine. Not wishing to move these houses over to the new place, I made an arrangement with the owners by which they acquire possession of the whole plant. They wish to improve the land and so offer the houses for sale. With this sale I have nothing to do.

JOHN WELSH YOUNG.

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WHOLESALE CUT FLOWERS AND FLORISTS' SUPPLIES,
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LONG DISTANCE TELEPHONE EXPRESS 466.
Carnations, Violets and Valley, Specialties.
Full Line of Wire Work.

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Wholesale Growers of and Dealers in CUT FLOWERS
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FINE ROSES—Shipped Carefully to all Parts of the Country.
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Wholesale Florists
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600,000 FEET OF GLASS.

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Write for Prices on ROSE PLANTS.

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3,000 American Beauties, 2-inch.
2,000 Bridesmaids, 2-inch.
800 Meteors, 2-inch.
500 Brides, 2½-inch.

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Do You Want Your Money's Worth?

If so, don't delay it but send me your list **at once** of all **Bulbs and Plants** for **forcing** and **decoration,** stating quantity and sizes. You will find my prices as low as others for **FIRST-CLASS GOODS.**

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WE OFFER
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PULLMAN BUFFET SLEEPING CARS,
RECLINING CHAIR CARS
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ONLY LINE DIRECT TO THE GROUNDS.

SEE Agent for further particulars.

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It will tell you just what you want to know in just the way you want to be told. It will cover the whole field of Commercial Floriculture, the articles arranged alphabetically, so that reference may be quick and easy. It will be a whole library in itself .....

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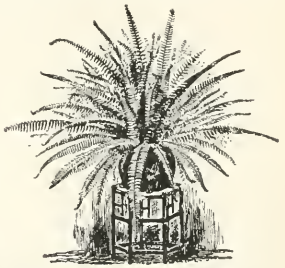
N. Exaltata Bostoniensis, $5.00 to $25.00 per 100, out of bench. Large size. Prices on application.

I have a fine lot of $6.00, $8.00 and $10.00 per 100 sizes which will make fine plants in the fall if planted at once.



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Forcing Roses!

	2½-inch Per 100	3½-inch Per 100
BRIDE	**$2.50**	**$4.00**
BRIDESMAID	**2.50**	**4.00**
METEOR	**2.50**	**4.00**

White, Pink and Yellow **RAMBLERS, CLIMBING WHITE PET, CLIMBING WOOTTON,** same price.

Good selection **ROSES,** from 3½-in. pots, $35.00 per 1000.

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TORONTO.

Nine members of the Executive Committee of the Canadian Horticultural Association met in Hamilton and arranged program and other details for the convention in September in Toronto. Present: Messrs. Gammage, London; McLean, St. Thomas; Johnson, Kingston; Mitchell, Inerkip; Foster, Hamilton, and Dunlop, Mills, Carter and Ewing, of Toronto. Programs will be published and distributed shortly. It was a very pleasant and business-like meeting and a great deal of work was pushed through in a short time. Friends of Mr. Foster will be sorry to learn that he is still under the weather.

The excursion to Niagara Falls on the 28th inst. promises to be a rouser. Tickets $1, all the way there and back.

The dull times are upon us. E.

RICHMOND, IND.

The midsummer meeting of the Society of Indiana Florists was held here July 2 at Glen Miller. A business session was held in the morning and arrangements for the annual chrysanthemum show at Indianapolis were considered. The visitors were entertained by a dinner at a local hotel by E. G. Hill and John A. Evans. Among the visitors were: From Indianapolis—A. Wiegand, E. Rieman, J. Heidenreich, F. Huckreide, H. Rothermel, Bert Stanley, John Hartje, John Bertermann, R. A. McKeand, M. Nelson, F. A. Schreiber, C. C. Vollrath; from Anderson—J. S. Stuart, E. Bissell; from Cincinnati—E. G. Gillett, W. A. Mann, G. R. Bartlett, H. Schwarz, R. Witterstaetter, Wm. Murphy, E. A. Foster; from Kokomo—W. W. Coles; from Hamilton—Theo. A. Bock.

Visits were made to the greenhouses of E. G. Hill & Co. and the factory of the Quaker City Machine Co., where the Evans Challenge Ventilating Apparatus is made.

HUNT'S REVIEW OF THE CHICAGO MARKET.

There seems to be absolutely no demand for stock. The situation appeared at its very worst when the daily papers were not published, for then we could not even keep "busy" reading.

The rose stock is shortening up and the demand for good clean stock, since cooler weather, has increased, but even the Fakirs scorn the bulk that is coming in.

Some very fine perennials are arriving, but the sales are light.

The market remains glutted with carnations and sweet peas, neither paying the cost of picking.

Chicago, July 11, '98.

WHEN you write an advertiser, always state that you saw the adv. in The Florists' Review.

FLORISTS' STOCK OF BEDDING PLANTS.

Alternantheras, Coleus, Geraniums, Pansies, Daisies, Verbenas, Fuchsias, Salvias, etc. Write for prices. Florists are invited to look over our stock when in Milwaukee.

ARCHIE MIDDLEMASS,
1019 Forest Home Ave., MILWAUKEE, Wis.

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LONG DISTANCE TELEPHONE

1612-14-16 Ludlow Street, ...PHILADELPHIA, PA.

Mention The Review when you write.

ROSES- American Beauty, Bride, Bridesmaid, Perle, La France, Testout, Morgan, Niphetos, Kaiserin, 3 and 4-in. **ASPARAGUS PLUMOSUS,** all sizes. **MARIE LOUISE VIOLETS,** young plants, well rooted.

A. S. MacBEAN, - - - - LAKEWOOD, N. J.

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CHRYSANTHEMUMS

Standard Varieties, $2.50 per 100.

A list of varieties furnished on application. Also

	Per 100
Cyperus Alternifolius, 2½-in. pots	$2.50
Cyclamen, white, pink, red and white crimson eye, 2½-in. pots	5.00
Grevillea Robusta	2.50
Geraniums, fine plants, 2½-in. pots, new and standard sorts, varieties on application	2.50
Asparagus Plumosa Nana, 3-in. pots	8.00
" **Sprengeri,** 2½-in. pots	6.00
" **Tenuissimus,** 4-in. pots	10.00
Vinca Maj. Var., 3-in. pots	4.00
Smilax, 2½-in. pots	2.50

NATHAN SMITH & SON, Adrian, Mich.

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CHRYSANTHEMUMS!

All the very best commercial varieties, viz.

Marquis de Montmort, Lady Fitzwigram, Bergmann, Merry Monarch, Glory of Pacific, Robinson, Henderson, M. M. Johnson, Golden Trophy, D. Spauldiog, Viviaod-Morel, Mrs. Perrin, Ivory White, Ivory Pink, M. Bonnaffon, Mayflower, Modesto, Jerome Jones, white, yellow and pink, Maud Dean, H. W. Rieman, Lottie Berry, Maud Adams, Emil Buetter, Gretchen Buettner. Stock unexcelled, and very large quantity of it ready. Let us book order for now or future delivery. 2½-in., $3 per 100; Cuttings, rooted, $2 per 100.

MARIE LOUISE VIOLETS, Rooted Runners, $10.00 per 1000.

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Field-grown plants at $1.00 per 1,000; $3.50 per 10,000. Cash with order. Samples free.

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WOLCOTTVILLE, IND.

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GIVE US A TRIAL WE CAN PLEASE YOU.

ROSES, CARNATIONS, and All Kinds of Seasonable Flowers in stock.

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WM. J. BAKER,

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1432 S. Penn. Square, PHILADELPHIA. PA.

Original Headquarters for CARNATIONS.

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40 So. 16th St. PHILADELPHIA.

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Consignments of Choice Stock Solicited.

Our central location enables us to fill out-of-town orders at short notice.

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Strings 8 to 10 feet long, 50 cents. Shipped to any part of the country.

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JOHN WELSH YOUNG,

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SEEDS

Primula, Gloxinia, Calceolaria, Pansy, Cineraria.

We are booking orders now for the above, which will be filled promptly on receipt of the **New Crop** Seed, which is due to arrive soon. Our strains of these important Florists' flowers are unsurpassed. If you have not heretofore given our seeds of above varieties a trial, do so this year. We invite comparison with any.

...PANSIES...

Order now and seed will be sent as soon as **new crop seed arrives.**

Hunt's Pansy Seed has made a name because of the **quality** of the strains. We would be pleased to send our catalogue of Florists' Flower Seeds to any one in the trade. It contains a general list of all Florists' Seeds.

	Oz.	¼ Oz.	Tr. Pkt.
Fine Mixed	$1.00	$0.25	$0.10
Extra Choice Mixed	3.00	.50	.15
Unrivalled Mixed, by long odds the best strain in the market	8.00	1.00	.25
Trimardeau or Giant Mixed	3.50	.50	.25
Cassier	5.00	.75	.25
Bugnot's Superb Blotched	6.00	1.00	.25

ALSO ALL THE NAMED VARIETIES.

S E E D S

	Trade Pkt.
PRIMULA Sinensis Fimbriata.	
Single, white	50c
" red	50c
" kermesina splendens	50c
" mixed	50c
Double, white	50c
" red	50c
" mixed	50c
CINERARIA Hybrida Grandiflora, large flowering, finest mixed	50c
Our Cineraria seed is known among those who grow the finest plants.	
CALCEOLARIA Hybrida Grandiflora	50c
We have a special fine strain to offer.	
GLOXINIA Hybrida, large flowering, mixed	50c

TWINE FOR TYING "MUMS." 4-ply Best Cotton, per 5-lb. sacks. 75c. 3-ply Second Grade Cotton, per 5-lb. sacks. 70c.

E. H. HUNT, 76 Wabash Ave., Chicago.

ROSES.....

Beauties, 3-inch, $6.00 per 100, $55.00 per 1,000. Maids, Brides and Meteors, 3-inch, $5.00 per 100, $45.00 per 1,000; 4-inch stock $6.50 per 100. **Stock guaranteed to give satisfaction.**

POEHLMANN BROS.,
MORTON GROVE, ILL.

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Fine Rose Stock For Planting.

Brides, Belle Siebrecht, Meteors and Beauties, in 3-inch pots. Maids in 2-inch pots.

Carnations -- Jubilee and Flora Hill, in 3-inch pots, $4.00 per 100.

Write for prices. Send 50c or $1.00 for sample lot of what you want to.....

GEO. A. KUHL, PEKIN, ILL.

Mention Florists' Review when you write.

VEGETABLE PLANTS.

Cabbage—H. Succession, Flat Dutch, Autumn King, Drumhead, Savoy, and other varieties.
Celery—White Plume, Golden Self Blanching Giant, Pascal, Golden Heart, and other vars.
Tomato—Livingston, Stone, Paragon, and other vars. All above plants field-grown, 15c per 100; $1.00 per 1000; $8.50 per 10,000. If by mail, add 10c per 100. Cash with order.

R. VINCENT, Jr. & SON, - - - White Marsh, Md.

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50,000 Extra Strong Smilax Plants

Out of 2½-in. pots, **$1.25** per 100; **$10** per 1000. Cash with order. Address

FRED SCHNEIDER, Florist,
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Sizes, 3 to 6 Lbs. 10 Cents Per lb.

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Manufacturers of WIRE DESIGNS and Dealers in FLORISTS' SUPPLIES

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For Orchids, etc., $1.25 per bbl.

Sphagnum Moss First quality, 85c per bale, 10 bales $6.00.

Peat $1.20 per bale, quality A No. 1.

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SMALL GREEN **Galax**

For use with Violets. Stiff wiry Stems. Work up beautifully. Are all the rage

Box of 5000, $5.00
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RIVERTON, N. J.

The base ball match between the married versus single men of the pick of the Dreer greenhouse staff, much talked of and speculated upon, took place on the afternoon of the 9th. And by the way, I may be allowed to remark the Dreer company by granting on Saturday afternoons during the summer months respite from the swish of the hose and tap tap of the pot upon the bench, express sympathies which are not lost upon the boys.

'Tis amusing to watch the movements of some, particularly the Benedicts, usually so sedate, as becomes them, now full of spirit, notwithstanding that they had frequent recourse to the water bucket for a bracer to stand up against the young bucks who were out for blood and showed by the result of the game the kind of stuff they are made of.

Of the Benedicts, Frank Betz struck the finest postures. Joe Schuler made a dandy pitcher, was a trifle wild, which is contrary to his nature. When he handed the ball to John Ruppert, my, how the fur did fly. No home runs on John's pitching.

Chas. Stratton gracefully yielded to Harry Lloyd, one of our fleetest sprinters, and, speaking of sprinting, it did me good to see Hillson making what he thought was a home run. He missed his pacer Harry Murphy. Jas. Flynn made the highest number of runs and Henry Rice was an ideal catcher. I hardly recognized in Lucas an old time sport.

The unmarried boys, headed by Harry Sim, did themselves proudly. Should you meet Harry slightly disabled when he calls upon you upon his next trip, he will explain he is the latest addition to the ranks of the noble army of drummers.

Carhart eclipses many professionals as catcher, and he's a sprinter also. Roy Fister was the only man who dazzled the pitcher, Jack Flynn, of whom we are proud. Thompson attributed his success to his sunset hair, which is our Mascot since Hermann Weber's yellow dog breathed its last.

Watkins is a strong type of the sturdy Canadian, an all round athlete, contrasting strongly with our seven-foot umpire, Pat Finlan, who kept all howling at arm's length.

BENEDICT.

MORRIS, ILL.

Mr. A. Mitting, secretary of the Morris Floral Co., reports that they will plant 10,000 carnations for cut flowers, mostly fancy varieties, including Flora Hill, Evelina, Argyle, Triumph, Mayor Pingree, Gold Nugget, Mrs. Bradt, Empress and Jubilee. Their home trade takes most of their blooms.

YOU CAN BUY all your trade supplies to the very best advantage from advertisers in The Florists' Review, and at the same time advance the interests of your paper.

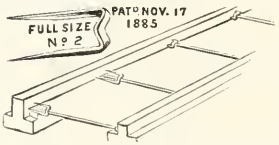
The Harrisii Disease

can be prevented by immersing the bulbs for two hours in a half solution of.....

..Kraft's Plant Tonic.. 99%

This has been conclusively proven by experiments at Lincoln Park, Chicago. The Tonic also kills **Hard Shelled Scale, Mealy Bug,** and other insect pests without injury to the plant. A trial of a 25-cent bottle will convince you that a really remarkable insecticide has been discovered. Send for circular.

Kraft Plant Tonic Co., Rockford, Ill.



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When writing mention Florists' Review.

Burpee's Seeds Grow

The Model Extension Carnation Support

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MR. THERON PARKER, Brooklyn, N. Y. Dear Sir:—I have tested your latest Model Carnation Support, and am free to say that I consider it the best wire carnation support that I have ever seen. It is quickly and easily applied, and I think will prove very durable, and you certainly deserve great credit for the invention.
Very truly yours,
C. W. WARD.

FLATBUSH, BROOKLYN, N. Y., Feb. 18, '97.
MR. THERON PARKER.
Dear Sir:—Your wire stake is certainly a gem. Without hesitating we endorse it as an up-to-date Carnation Support. Yours truly,
DAILLEDOUZE BROS.

HOBOKEN, N. J., Feb. 18, '97.
MR. THERON PARKER, Brooklyn, N. Y. Dear Sir:—It gives me much pleasure to congratulate you upon your success in getting up Carnation Supports. I think that those I have had from you are about as perfect as anybody will be able to make them. They certainly fill my bill for an ideal carnation support, a thing I have been looking for for a long time. Wishing you every success in the sale of them, I am,
Yours truly, E. ASMUS.

Write for Prices, Circular and Special Discounts for carly orders.

The Model Plant Stake Co.
THERON PARKER, Mgr., Inventor and Patentee,
22 Morton Street, BROOKLYN, N. Y.

Marie Louise Runners

25,000 at $4 per 1000; 60c. per 100.

WANTED 500 Maids, 600 Brides, 200 Perles, 200 Beauties, 200 Meteor, 200 Belle Siebrecht 2½-inch pots.

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Mention Florists' Review. HILLSDALE, MICH.

Mums The Word.

We offer the following varieties good, strong, thrifty plants, in 2-inch pots, at $3.00 per 100.

Mayflower, Modesto, Mrs Henry Robinson, The Times, The Queen, Yellow Queen, Major Bonnaffon, Invincible, Minerva, Kentucky, and lots of other sorts.
See catalogue for list.

2,000 Smilax, 2-inch pots, $3.00 per 100, $25.00 per 1,000. Address

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It will tell you just what you want to know in just the way you want to be told.
It will cover the whole field of Commercial Floriculture, the articles arranged alphabetically, so that reference may be quick and easy.
It will be a whole library in itself.

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Harold Eltzholtz, Central Valley, N. Y.

SITUATION WANTED—By practical florist and designer, No. 1 rose grower; carnations, mums, violets a specialty; 25 years experience; good references; age 38; commercial or good private position. Address Florist, P. O. Box 547, Alliance, Ohio.

FOR RENT—First-class city greenhouses, in city of over 20,000, in Illinois. A.B., care Florists' Review.

SITUATION WANTED—By a practical working foreman, 13 years experience in growing roses, carnations, violets, mums and palms; age 28, single; state wages. Address, Frank, Florist, White Hall, Ill.

SITUATION WANTED—By July 9th, by practical florist, 10 years experience; roses, carnations, violets, etc.; knowledge of floral work; New York or Pennsylvania preferred; references; state wages. Address N. Y., care Florists' Review.

WANTED—At once, an honest, industrious, sober man (single), who understands the growing of roses; a permanent place for the right man. Address, Michigan, care Florists' Review, Chicago.

SITUATION WANTED—Young man, seven years experience in large establishment where cut flowers are grown for the Chicago market, wishes a change in order to acquire more knowledge; east preferred; good references. Address. K. N., care Florists' Review.

FOR SALE—First class florists' store in Chicago. Excellent trade, established fifteen years. Owner desires to devote his whole time to other business. An unusual opportunity. Address Max, care of Florists' Review.

WANTED—Position as foreman in first class establishment by one who learned thoroughly in England the trade of gardening, and has followed the florist business for ten years in this country. Will take nothing but first class place and will start at $60.00 a month, with chance of raise after showing ability. Good references. Address Hemb, care Florists' Review.

POSITION WANTED—By married man, no children, as gardener or assistant, good grower of roses, violets, carnations, 'mums, palms and stove plants. German, age 26. Can give good references. Private or commercial. Aug. H. Jackman, 427 Lunt Av., Chicago.

FOR SALE—Four greenhouses, nearly new. Good retail stand, in residence district, on paved street leading to cemetery. Must retire on account of health. A. Claus, 501 N. 4th St., Springfield, Ill.

SITUATION WANTED—By expert grower of plants and cut flowers. Competent in every department. Seeks a situation where he may have a chance to make his services worth more than in his present place. Can surely advance his employer's interests if given suitable opportunity. Address S. D., care Florists' Review, Chicago.

..FOR SALE..

Six greenhouses (6000 feet of glass), all in good condition; all modern improvements; located in one of the principal cities of Southern Wisconsin, with 20,000 population; but little competition. Will rent to responsible party. Address

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General Introduction.....

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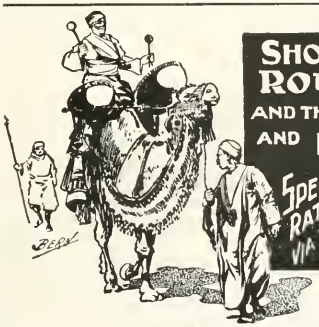
This mutual arrangement cannot fail to bring to the paper a heavy advertising patronage, and as a result the stock represented by your certificate will earn good dividends. And the more you buy of advertisers in the FLORISTS' REVIEW (always mentioning the paper), the larger your dividends will be.

You get the best paper in the field and a share of its earnings.

Send in your subscription now.

FLORISTS' PUBLISHING COMPANY,

520-535 Caxton Building, ...CHICAGO, ILL.



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40,000 FIRST QUALITY FORCING ROSES.

READY FOR IMMEDIATE PLANTING.

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500 Brides, 3-in. pots, $5.00 per 100.
Perfectly healthy and first-class in every respect; especially grown for my own planting.

GEO. M. EMMANS, Newton, N. J.

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ROCHESTER, N. Y.

The dullness in trade continues. Flowers are plentiful and very low prices prevail. Carnations are offered at 15 cents per dozen, sweet peas 5 cents per bunch and roses sell at all prices, only occasionally a few selects are disposed of at fair figures. Asters have made their appearance in the market and are of good quality in spite of the continuous dry weather. They are grown by quite a few farmers and market gardeners in the neighborhood, on light, sandy soil.

Last summer was noted for continued drought and everybody in this vicinity complained, but this season may be pronounced as worse than any we have had in many years; everything is suffering for the want of water; all stock in the field is very backward and growth is slow and stunted, even the weeds cannot make any headway.

Most of the growers are busy repairing and painting. Some few have not quite finished planting all their roses and chrysanthemums, but probably every house will be planted by the end of the present week and then they may look for a short vacation, which they deserve after so many months of hard and continuous work, but only a few can afford such extravagance this year, they say; the majority are inclined to take a needed rest at home if they can. K.

DETROIT, MICH.

This city was visited by a destructive hail storm July 3. The hail stones were of very large size, and on the greenhouses of Mr. S. Taplin over 3,000 lights of glass were broken.

CLEVELAND, O.

The florists of this city have all signed an agreement to close their stores every evening, except Saturdays, at 6 p. m., from July 5th to September 5th, 1898. This will undoubtedly prove an excellent thing for all.

GALESBURG, ILL.—E. R. Gesler succeeds the firm of Gesler & Robbins. Mr. Gesler has purchased the entire stock and took full charge July 1.

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1 Plant, 4-in. pot, 18 inches high, each.....$0.40
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" Mrs. Pollock, 2¼-in. pots		4.00
" Sweet Scented, 3-in. pots		4.00
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Begonia Rex, 2¼-in. pots		4.00
Coleus, 2-in. pots		2.00
Cobea Scandens, 3-in. pots		4.00
Heliotrope, 2½ and 3-in. pots	$2.00	3.00
Gymnocarpa, 2¼-in. pots		2.00
Impatiens Sultani, 2¼ and 3-in. pots		3.00
Lobelia, dwart and trailing		2.00
Lemon Verbena, 2¼-in. pots		3.00
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Pyrethrum, Little Gem		2.00
Salvia, 2¼ and 3-in. pots	$2.00	3.00
Snow Crest Daisies	2.00	4.00
Sweet Alyssum, 2¼-in. pots		2.00
Verbena, extra strong, 2¼-in. pots		2.00
Vincas, variegated, 2¼-in. pots		2.50
" 3 "		4.00
" 3½ "		6.00
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Begonia, Rex, rooted cuttings		2.00
" Vernon, "		1.25

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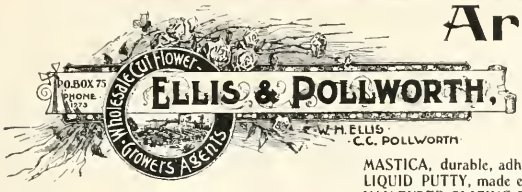

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Florists' Review....

TWO FLORISTS AWHEEL.

Watertown, Wis., July 7.—We arrived here this evening after passing over the Rocky Mountains! Talk about climbing, you have to have a wire rope to pull yourself over some of these hills! But take it all in all we have had a good time since we left Chicago.

The first stop we made was at Highland Park. Called on Fritz Bahr, who gives a good report of business; says his sales were excellent this spring; he grows bedding stock only; was all sold out. But you ought to see his cyclamens. He has about 2,000 plants all in 5-inch pots and will have some grand specimens for the flower show. We met Mr. W. C. Egan and on his invitation we took a run over to his place and were very glad we did. He certainly has the most effectively laid out place in the state. This may be saying a good deal, but it is not too much. He has a Crimson Rambler rose that stands ten feet high and with so many thousands of flowers that it is simply a mass of bloom. The place contains only seven or eight acres, but is splendidly kept up and every plant is in the pink of condition. They have many photographs taken at various periods throughout the season, and it is a most interesting record. Mrs. Egan presses the button and her pictures often surpass those of a professional photographer. Mr. Egan seems always happy when showing appreciative visitors over his beautiful place.

After a short rest we started for Lake Forest, where we spent our first night out. Saw all the florists there that eve and at 4 o'clock next morning were again on our way. Stopped at Waukegan, Kenosha, Racine and South Milwaukee and arrived at Milwaukee at 6 p. m. Next morning visited the Milwaukee florists and they treated us handsomely. Most of them take The Review and all think it is at the top of the list. Left Milwaukee at noon, stopped at Oconomowoc for lunch and arrived here for supper. Maybe that isn't putting in the time! We don't miss a thing. You will hear from us later on the route.

E. F. WINTERSON,
C. S. STEWART.

AN ANT KILLER.

An ant killer in the form of a liquid is now being placed on the market by the Kraft Plant Tonic Co., Rockford, Ill. The liquid is poured into holes made in the ant hill and the holes closed, the gas generated then penetrating to every part of the underground galleries and killing all the ants therein. The success of the Kraft Plant Tonic as an insecticide naturally gives confidence in this new production by the same chemist.

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Alternanthera, from flats	1½c
Scarlet Sage, from flats	2c
Verbenas, 3-inch	3c
Golden Pyrethrum, 2½-inch	2c
Centaurea Gymnocarpa, 3-inch	4c
Cineraria Maritima, from flats	1c

Chrysanthemums — Niveus, Mrs. G. West, Mrs. Twombley, Mrs. J. Jones, Mrs. Whilldin, Apollo, Mme. Bergman, M. Henderson, Gloriosum, Dawn, Good Gracious, Pres. Smith, 2½-inch..... 3c

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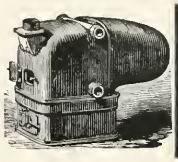

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Begonia Rex, 6 varieties, 3-in.	5.00
" Vernon, 2-in.	2.00
" Metallica, 4-in., fine	4.00
" rooted cuttings 20 vars.	$1.50-2.00
Petunias, single, 3 varieties, 2-in.	2.00
Antirrhinum, 2 varieties, 2-in.	2.00

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GRAFTED ROSES FOR WINTER FORCING.

We have a limited quantity of gilt-edge Roses grafted on Manetti stock, in 3-in. pots, ready to go into 4s, of the following varieties:

American Beauty, Bride, Bridesmaid, President Carnot, Mme. C. Testout, Augusta Victoria.

Price, $15.00 per 100, $125.00 per 1000.

This stock will produce 50 per cent. more cut flowers for winter blooming than own root stock, and will pay for the plants on the first crop of flowers. First come, first served.

We also have own root roses for winter forcing in 2½ and 3-inch pots. Prices on application.

ORDER NOW.

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Best of the standard varieties, $2.50 per 100. Newer kinds, $3.00 per 100. **Special Price on Large Lots.** Stock in fine shape, now. Let us know your wants.

HYDRANGEA OTAKSA from 2-in. pots $2.25 per 100.

Field Plants In Fall.

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CHRYSANTHEMUMS...

Rooted cuttings of the following varieties: The Queen, Merry Monarch, Modesto, Marie Valleria, Dailledouze, Marion Henderson, Mrs. H Robinson, Mrs. Whilldin, L. Canning at **$1.00** per 100.

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GRAND RAPIDS.

The weather continues hot and dry and if rain does not come soon outside crops will be seriously injured. Business is depressed, little or nothing doing except an occasional funeral order. While roses are scarce they are equal to the limted demand.

Charley Bowditch, late with John Wanamaker & Co., of New York, is again with F. A. Chapman & Co.

The feature of the week was the swindle perpetrated on the Grand Rapids Floral Co. Thursday a stranger ordered a load of palms sent to Mrs. Chas. Boltwood, 65 Morris avenue, with the explanation that she was going to give a two days' reception Friday and Saturday. Mrs. Boltwood is well known and the palms were sent. Meantime the stranger called on Mrs. Boltwood, stating he had bought a load of palms and ferns at auction and was desirous of disposing of them cheap in that vicinity. Could he place them on her lawn while he notified the neighborhood of the existence of the bargain counter? "He could."

The palms arrived, he even assisting in unloading them. The sign of the Grand Rapids Floral Co. on the wagon dispelled any suspicion of wrong. Then the stranger made a house to house canvass of that entire fashionable section, notifying them of the existence of the palm bargain counter at Mrs. Boltwood's. A crowd attended the sale, which was popular! The prices were ridiculously low, a $3.00 palm selling for 50 cents, and everything else proportionately cheap. Everything sold and the stranger disappeared.

Monday when the Floral company sent for their palms they discovered what had taken place and notified the police, taking all the steps possible to locate the stranger, but no trace of him can be found. He is probably in some other city preparing to repeat the swindle. So it behooves all florists to be on the lookout and if any attempt is made to put plants on the lawn instead of inside the house it ought to excite suspicion at once and lead to inquiries if all is right. The Floral Co. had the thrilling experience of going from house to house hunting and recovering their palms, and it is doubtful if they will recover all. Some were even shipped out of town and, of course, are lost.

GEO. F. CRABB.

WASHINGTON.

The National Association of Educators in convention here has created quite a demand for decorative plants, but has not affected the cut flower trade at all. Roses are very scarce. Those seen are very poor.

Mr. J. R. Freeman is building a new rosehouse, 150x22, also a carnation house, 100x16. The extended drought has not retarded the growth of his carnation plants in the field; they are very fine.

The American Rose Co. has an acre of carnations planted in shell boxes to plant after "mums" are out, and bid fair to be successful with them.

Carnations, as a whole, are very backward in this locality owing to the high temperature and long drought. The season started with continuous rains and many rotted from the wet; this was followed by drought, and very little rain has fallen during the past six weeks. W. H. K.

PITTSBURG.

Mrs. Bella F. Becker, of B. F. Becker & Co., the East End florists, committed suicide July 9 by taking an ounce of carbolic acid. Mrs. Becker and her husband separated last February, the latter turning over his business to his wife and son, a boy of about 16 years. Business became poor and recently a judgment against her for $585 was secured. In addition to this the son disappeared about July 1st. Mrs. Becker was 36 years of age and was generally respected.

At the meeting of the Botanical Society of Western Pennsylvania last Thursday evening a paper on "Railroad Plants" was read by C. P. Henderson, of the Pennsylvania Railway.

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PHILADELPHIA.—Mr. H. Bayersdorfer, of H. Bayersdorfer & Co., arrived home July 5 from his European trip. He reports having lots of novelties in the line of florists' supplies, which will be offered to the trade in due season.

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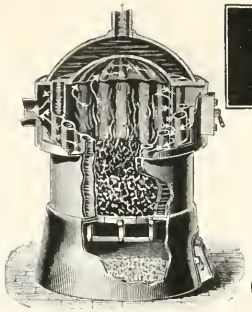

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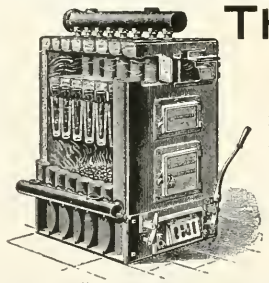

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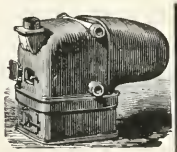

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OMAHA, NEB.

Facts About the City.

Some of the florists may be pleased to know a little about Omaha before they come here. Forty-four years ago the first log cabin was built here by the adventurous settler. The bravery of that act is hard to appreciate by this Eastern generation. Today there are 25 square miles of territory within the city limits and a population of over 150,000. Nearly 70 miles of paved and lighted streets, 600 miles of graded streets and 120 miles of sewers. There are 200 miles of water mains, and nearly three million dollars have been invested in public buildings.

Omaha is the third largest stock market in America. The value of the animal product from the South Omaha packing houses is over $75,000,000! It has the largest smelting and refining works in the United States, with an annual output of $20,000,000. There are 120 wholesale houses, fourteen railways converge here, and nearly 100 trains arrive and depart every day. 95 miles of electric car lines reach all points of interest. Omaha is the military headquarters of the department of the Missouri and Col. Bryan and his regiment of silver men are there now getting ready for the Philippines! There are 50 schools, 11 colleges, and 120 churches. The art collection in the Public Library is valued at $1,000,000. The Coliseum has a seating capacity of 12,000, and the Trans-Mississippi Exposition is the "most beautiful thing on earth." So you see Omaha is "no mean city," and not a man or woman of the great army of 10,000 florists in this country will regret the time and money that brings him or her to the August convention!

Various Items.

The Omaha people have a good deal of sympathy for old Noah. On Wednesday it rained four inches in less than four hours and one inch in less than ten minutes. These western people believe in doing things on a big scale. Their exposition is a giant and their growth from a log shanty to 150,000 souls in 44 years fosters their ambitious spirit. It is wonderful how vegetation bounds after one of these "soakers."

This is a fine climate. Clear air, not much humidity, no throat diseases, cool nights, and incessant breezes; you have got to be healthy here. If any florists East of the Mississippi want a week of pure air let them come to Omaha.

I trust all the florists who come to Omaha will arrange to stay a week. There will be plenty apart from the convention to interest them. The exposition itself is well worth a week of time, the parks will afford pleasant drives, the greatest private art gallery perhaps in America—Liniger's—will repay many an hour of study, and the swimming resort at Lake Manawa, the high-toned summer "Manhattan" of the West, and only half an hour away, will surely reward all who can find the time to visit it.

The hotel question is always a serious one. In private hotels and homes, "$1 a sleep" is the rate, and I will gladly do all I can to locate any of the "brethren" who write me. The "Millard" and Iler Grand are the good hotels with good rates, ($3 to $5 a day.) My advice is to locate in homes and hotels near the convention at $1 a day or $1.50, meals included.

It would not be a bad idea for the Eastern florists to arrange for a week's trip after the convention beyond Omaha to Denver and the Yellowstone. The distance is not great, the fares are down to low figures, and the grandest scenery of the continent so near that one can hardly afford to miss the opportunity.

It will be quite a revelation to the florists to find no street fakirs nor street stands for the sale of cut flowers in Omaha. The only Greeks here are in the Midway and they are Turks. All the florists have done a good business this season and they are still "at it"!

Henry A. Dreer's water plant exhibit is beginning to assert itself in many colors and the plants of Victoria Regia are unfolding their interesting leaves. The big basin gives promise of an interesting display in August. In fact the horticultural grounds will be a source of great pleasure to visiting florists. No one who can come to the convention has a right or an excuse to stay away.

The Horticultural building is now occupied largely with the exhibition of small fruits, although the supply of cold storage apples seems unlimited, and new apples have already appeared. The whole building is delightfully perfumed by the aroma from the various ripe fruits. Nebraska, Iowa and Missouri are contesting closely for supremacy, but Supt. Peter Yongers enjoys special advantages in being closer to his base of supplies and reinforcements are constantly on the march. All the old and many of the new varieties of fruits are exhibited. Every day changes are made and new fruits added.

This is July 14th and it is less than five weeks from the opening day of the convention. There is no time to be lost, and every one who intends to go to Omaha should complete his arrangements at once. Has President Gude fixed that special train business? Has Secretary Stewart got together his contingent from Boston and Providence and all the thriving east for the boat to New York and the special car on that special train? Have Robert Craig and his brave companions decided to show their "brotherly love" and put a special train through from Baltimore, Washington and Philadelphia? What has Gen. Sir Wm Scott done to get together his regiment from Canada and Rochester and irrepressible Buffalo? Has ex-Pres. Graham at Cleveland got the Toledo and Detroit troops to join him and together assault Colonel Grant's special train at Chicago and capture a parlor car therefrom? Of course we know that Brigadier General Beneke, of St. Louis, will draw his reserves from Columbus, Cincinnati, Louisville and all around him and advance on Omaha with flying colors. Milwaukee will gather in St. Paul and Minneapolis, Kansas City will bring its share from the sunny south and Denver is sure to be heard from and to bring a goodly army from the mighty west!

Why shouldn't this be a grand convention? If all the generals do their duty and the troops get together it will be the jolliest and best of the campaigns, and you are not coming into an enemy's country!

Mr. Washburn, of Bassett & Washburn, Chicago, and family are visiting the Omaha Exposition on their way to Colorado. He expresses himself much pleased with everything and anticipates a grand attendance from Chicago at the convention.

The Nebraska Seed Co. are making a special display of sweet peas in the state exhibit.

Bowling.

The Omaha Bowling Club has elected J. F. Wilcox captain pro tem. and has arranged for a series of ten games to select the members that will compose the team to compete for the trophy at the convention. As an extra incentive to effort Mr. A. Donaghue, Sr., has offered a gold headed cane as a prize to the winner, who will also be captain of the team, and two further prizes of a regulation lignum vitae ball each are offered by the club to those making the second and third best scores. Following are the scores made after the meeting adjourned:

					Av.
Donaghue, Jr.	164	184	...	...	174
Shaw	161	163	160	161	166
Donaghue, Sr.	155	158	170	...	161
Stewart	171	151	...	...	161
Paulson	159	...	...	...	159
Charin	170	127	157	147	150
Hadkinson	128	128	182	160	149
Davey	165	125	...	...	145
Zimmer	131	136	156	...	141
Youngers	151	110	122	136	130
Henderson	116	113	162	...	130

Below is the score for last Saturday evening:

							Av.
Donaghue, Sr.	187	208	194	...	...	...	196
Hadkinson	183	188	189	228	149	155	182
Wilcox	173	191	160	150	...	...	168
Chapin	178	126	167	137	156	202	161
Shaw	129	198	127	136	...	...	150
Zimmer	122	157	...	...	...	...	139
Swoboda	131	122	153	...	...	...	135
Henderson	129	128	...	...	...	..	128½

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RICHMOND, IND.—The Onoto Floral and Confection Co. has succeeded Beach & Co., Mr. Beach having admitted Mr. Henry C. Chessman as a partner. The new firm announces that it will have largely increased facilities and financial resources.

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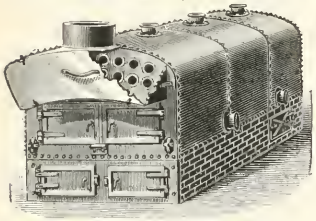

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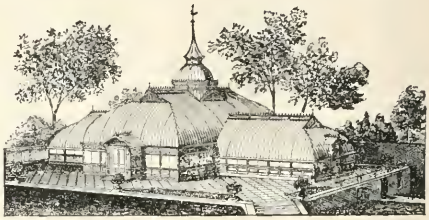

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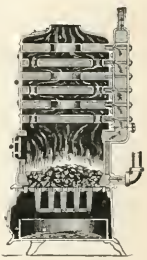

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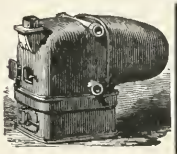

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THE WEEKLY FLORISTS' REVIEW

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Vol. II. CHICAGO AND NEW YORK, JULY 21, 1898. No. 34.

Aquilegia Chrysantha, the Golden Flowered Columbine.

COLUMBINES.

The columbine is pleasing to the eye, as well in respect of the seemly (and not vulgar) shape as in regard of the azury color thereof, and is holden to be very medicinable for the dissolving of imposthumations or swellings in the throat.

Coronary Herbs, by Gwillim.

It is still undecided as to the derivation of the generic name aquilegia, applied to the columbine, whether it came from aquilegus, a water-collector, or from aquila, an eagle, in reference to the form of the petals, although the latter is probably the true one. It is sometimes called the Dove-plant. Doctor Prior mentions the "resemblance of its nectaries to the heads of pigeons in a ring round a dish," and Lady Wilkinson speaks of "the figure of a hovering dove with expanded wings, which we obtain by pulling off a single petal with its attached sepals."

The columbine is one of the oldest garden flowers in cultivation and is mentioned by Shakespeare and other early writers. The genus is well represented in various parts of the globe, in both warm and cold climates. One species from the Himalayas, A. fragrans, is highly scented.

The species illustrated, A. chrysantha, the golden-flowered columbine, is a native of California that was introduced to cultivation in 1873, and is considered one of the finest hardy perennials in use. It grows about three feet high, blooming when under favorable conditions from May until August. The flowers are described as "sepals primrose yellow, spreading horizontally in full expansion nearly or quite one inch long, tinted claret at the tips; limbs of petals deeper yellow, not quite so long; spur straight, very slender, divergent, 1½ to 2 inches long; stems many flowered."

Another very beautiful form is A. caerulea from the Rocky Mountains, with its rare white variety. The type is described as a sky blue and white,

but it often assumes more of a lilac tint. Nearly all of the most persistent forms one meets in old gardens belong to the English A. vulgaris, a feature that presents a negative argument to the adoption of the columbine as a national flower. In growing a collection of columbines and depending upon the natural seedlings for the permanence of the bed one soon becomes disappointed as the species hybridizes freely and the bed soon runs out. Therefore it is well to have isolated seed plants for stock, and it is often necessary to place netting over these.

BELLEROPHON.

AMONG CHICAGO GROWERS.

Reinberg Bros.

Reinberg Bros.' range of glass at Summerdale is undoubtedly the largest in America, containing over 600,000 square feet. The additions made this summer have already been noted in these columns. The glass is devoted almost wholly to roses and carnations. For the coming season they will bench 50,000 Beauties, 34,500 Maids, 29,000 Meteors, 23,000 Brides, 11,000 Perles, 11,500 Kaiserin and 4,000 La France. They have dropped Testout, which didn't pay. A large percentage of the flowers were short stemmed, and they found they could grow 3 or 4 Maids where they got one Testout. The Testout was a poor shipper, too. Carnot has also been discarded. "A pretty rose, and all right for summer blooming, but no good in winter," is the verdict here. Siebrecht came too short stemmed and Maids sold better in the market. Kaiserin does well with them up to Christmas, and after getting a holiday crop they throw them out to make room for young rose stock. They are trying a hundred plants of the new pink rose Mrs. Robt. Garrett. It has made a vigorous growth and they hope it will prove a satisfactory winter bloomer. They are replanting a few houses with Maids that were forced last winter. Their experience has been that the old plants come into bloom quicker, but are no better otherwise than young plants, and that there is no saving in labor as young stock can be benched much more easily than the old plants, which must be carefully lifted, pruned, etc.

For staking their Beauties they use five-foot lengths of No. 8 telegraph wire, secured near the top by smaller wires running lengthwise, in the usual way, and when an extension of this is necessary they set a cane stake on top of the wire rod. The hollow in the cane fits over the top of the rod very neatly and the "top-mast" can be very quickly put on or removed. For other roses they use lengths of 4 1-2 feet of the same wire. They have recently purchased 8 tons of the bundles of telegraph wire known as "shorts" which can be had at $18 a ton. A ton will make 5,000 stakes and if purchased already straightened and cut they would cost $7 a thousand. The straightening is done by the Garland device, illustrated in The Review for June 16. There would be little if any saving if the wire had to be straightened by hand.

They put on a thin mulch of fine old manure about August 1. This is mainly to protect the surface of the soil from the burning sun. They would put this mulch on as soon as the roses are planted if it were not for fear that even this slight fertilization might be too much before the plants have made roots in the new soil. They feed liquid, generally fresh cow manure with a slight admixture of horse. This is soaked for 24 hours in barrels and the clear liquid then strained into the tank where it is much diluted before being used. They begin feeding in October or November and renew the application every month. They find that plants with vigorous root action will stand quite liberal feeding. Brides and Maids seem to be less liable to damage from overfeeding than the other varieties.

They believe that mildew is nearly always due to a lack of ventilation. In fall and spring they carry moderate heat on the pipes and leave the ventilators open a little till late at night. Since following this method they have had little trouble from mildew at the seasons noted.

They have used both steam and water in heating, and are this year changing all to hot water, retaining four lengths of 1 1-4 or 1 1-2-inch steam pipes in each house. These steam pipes are arranged so they can use only two or the four as required. They don't expect to use the steam pipes more than a dozen times during the winter, holding them as a reserve force to be brought into play when the weather is unusually severe. They want sufficient heat to maintain a temperature of 60 degrees during the worst arctic storm. They believe that many florists lack sufficient heat when the outside temperature drops down to 20 degrees below zero. The steam pipes will also be a big help when the weather turns suddenly colder. They keep steam up all the time for pumping and in case of a sudden lowering of outside temperature they can meet it with the steam pipes, whereas it would take some little time to get additional heat into the water. They feel they have the advantages of both systems. In early fall and late spring they find the hot water much the most economical as only a little fire will supply sufficient heat, while with steam much fuel is required to keep up enough pressure to insure circulation. They use 3-inch cast iron pipe for hot water and think that 2-inch would be even better though the first cost of the required heating surface is greater. In the smaller pipes there is less water to heat and the circulation is quicker.

They find that wrought iron pipe rusts out rapidly when kept wet and warm; where there is drip upon a hot steam pipe, or where it is allowed to be partly buried in soil, the corrosion seems much more rapid, and where they used steam the expense for repairs was not only greater but the cost of labor for firing was much more.

In their houses all the benches rest on cedar posts. An eight foot post is cut into three lengths. They consider these posts more economical than iron pipe. They will last ten years and the material for the posts and cross beams does not cost as much as the labor alone in putting up the iron pipe bench frames. What they are more anxious to secure is more durable material for bench bottoms and think favorably of trying the tile bottoms so largely used by Bassett & Washburn. In all their houses they have water cocks every 70 feet in each walk so only a 50-foot length of hose need be used. Their water comes from wells on the place and when these run short they run city water into the wells, the city pressure being insufficient. They have several steam pumps constantly at work and have large tank capacity.

This season they will burn about 250 cars of coal, running 30 to 40 tons to the car. Last year they used mostly Southern Illinois (Carterville) coal, which cost 15 cents a ton less than Indiana block and which proved just as good. It is a large egg size. They think they lose something on the Indiana block through careless firemen failing to break up the large lumps

The Horticultural Building at the Omaha Exposition.

and thus not getting the full value of heat from the coal. They keep 30 to 40 cars of coal on hand all the time so there may be no danger of shortage through delays on the railway.

Among their latest improvements is a new cut flower packing room 24x30 and a flower cooling cellar 20x20 beneath it.

Speaking of tall houses they question whether it requires as much more fuel to heat them as some seem to imagine. The cold comes in from above and the layer of heated air just under the roof intercepts and prevents it from reaching the lower part of the house. On this they base their opinion.

Some notes on their carnations will be found in another column.

Herman Bauske's.

Herman Bauske, of Bowmanville, Ill., will this season cut from 9,000 Beauties, 6,000 Meteors, 3,800 Brides, 3,500 Maids, 1,800 Kaiserin and 1,200 Perles.

His fine range of new houses are all planted with young stock, but many of his others contain stock that has been carried over. He has plants of American Beauty that are now five years old and from which he has every winter cut flowers that have given him an enviable reputation as a rose grower. These Beauties are replanted in fresh soil every year.

At the end of the season he cuts the tops of the plants off with the shears leaving them about 18 inches tall. This cutting is merely for convenience in handling the plants. The plants are then lifted, taking as little of the old soil as possible, and lightly heeled in elsewhere till the bench has been thoroughly cleaned and refilled with fresh soil, when they are at once replanted. Where, say, three houses are to be changed, the first is cleared and replanted with the stock from the second. The second is then replanted with that from the third and the third with that from the first. Soon after replanting the real pruning is given, in which the canes of last year's wood are cut back to two or three eyes and about a foot is taken off of last winter's canes and weak ones cut entirely out.

The old plants do not take hold of the soil any quicker than young stock, but grow faster afterward. They produce one crop of short stemmed flowers about seven weeks from time of planting. The next crop comes about six weeks after that and the flowers then produced have as long stems as those from young plants. During the remainder of the season they do as well as young plants. The October crop is the best one and the next large crop comes in February. Beauties carried over without replanting will produce all short stemmed flowers.

He generally carries all his tea roses over to the second year, and will this season try some Maids a third season. These he leaves in the same beds, drying them off gradually for a few weeks till the wood gets ripe and hard. Then he cleans the plants and beds, prunes the plants, gives a good top dressing of fresh soil and manure and waters sparingly till good root action is had, when usual methods are followed. He mulches these carried over plants more frequently than young stock, giving a little at a time, but often. He gets just as long stems and as good flowers from the carried over plants as from young stock, though possibly not so many. He thinks though that the saving in expense and labor more than offsets any slight deficiency in the cut.

He carries over Meteors and Perles in the same way, though they are not so reliable to carry over as the Brides and Maids. Still the former would be just as reliable if replanted in fresh soil the same as the Beauties. He has but few bullheads on his Perles if kept warm enough. He gives his Perles 60 to 62 degrees, other roses 56 to 58 degrees, except Meteor, which receives 65 to 68 degrees. He believes a steady temperature of 70 degrees too high for any rose.

In soil he prefers sod or deposits from the river bank, to which he adds one-fifth of cow manure. He likes a thin mulch to prevent the surface of the soil from getting hard, but on roses planted as late as August does not consider this necessary till firing begins. He does not use liquid manures, preferring to do all his feeding through mulches.

Ockerlund & Allen's.

This is a comparatively new place, now in its third year. Only roses are grown, and the place, though containing only 12,000 feet of glass, is well worth a visit, everything being in superb condition. The houses are short span to south with two wide benches and three walks in each, and lime wash has been freely used on side

walls and both inside and outside of the benches.

For the coming season they have benched 1,700 Beauties, 1,300 each of Maids and Brides and 550 Perles. All above is young stock this year, but last year they forced again the plants of the year before, and the carried over plants gave practically the same results as young stock.

CARNATIONS

ORIGINATION OF NEW VARIETIES.

Originating new varieties, to grow them from seed, has widely spread for the last few years. Growers that never heretofore had a fancy for dabbling in this work have a few seedlings of their own growing under trial. The alluring fascination of this work proved to be too much; the temtation to make a fortune, as so many growers are supposed to have made, too strong not to make a trial. But let me tell you many of these supposed fortunes are imaginary or have been made with other help. True, when luck will have it so, and a hit is made, the grower can scarcely be thwarted out of a remunerative compensation, when the introduction is carried out in a fair, honest business way.

My ten years' experience in growing new varieties has convinced me that the whole business is a game of chance and therein lies the fascination. It is like a game of cards or chess; certain rules have to be observed, and on the skill of the player and knowledge of the intricate workings of the game depend the winning. But again, many a novice in playing a certain game may win, while the experienced player may lose. This is called luck. The same happens in growing new varieties. The one with his 50 or 100 plants grown in an indifferent way may have a prize among them, while the other with his thousands of plants grown with a calculating knowledge of the intricate workings of nature will have nothing to show.

What is the cause of this uncertainty, the miscarrying of calculations based on fundamental principles? To answer this question we have to turn back to the original primitive Dianthus of centuries ago. Culture wrought improvements; cross fertilization created variety; these combined have been going on for ages in the evolution of our carnation.

Cultivation is the progressive motor. With its help cross fertilization has wrought wonderful changes. A relaxation in culture will take us as far back as our greatest care can bring us forward, for there we meet that opposing power, the tendency to return to the primitive existence. So in growing seedlings we find all stages of this long period represented. There is a mixture of influences that make themselves manifest. It is a fight between progressive culture and cross fertilization, and the strong adherence to primitive originality. We cannot say any more that like produces like. There are so many ancestors of different habit, form, color; there is such a mixture of different influences that make themselves manifest, that our present growing of new varieties is indeed a game of chance.

Culture is the first factor to be considered; cross fertilization comes next, and here a true knowledge of the pedigree of the parents is of importance, a knowledge of the good as well as bad properties of the ancestors, to enable the grower to strengthen, improve and combine the good properties of the seed parents, and to avert or neutralize defects with opposing good qualities. But after all, the most exact calculations are uncertain factors in this capricious work, and we are not always able to attain what we aim for.

To leave everything to chance is too haphazard a work to satisfy the progressive grower. He prefers to work on fundamental principles based on nature, even if expectations do not at all times materialize. What cannot be attained in one year may be accomplished in two or three with a steady working on the same line. Patience and perseverance are virtues in this work. We must not expect too much for one season, when we consider the time it required to bring the carnation from its primitive existence to its present state of perfection. Thanks to the progressive spirit our growers manifest, much more has been attained in the last decade than during a century before, but to make improvements we have to overcome the same obstacles as of yore, and culture and good judgment in the selection of the seed parents are the most prominent influences to surmount them. It is a tedious but fascinating work, resulting in more failures than success.

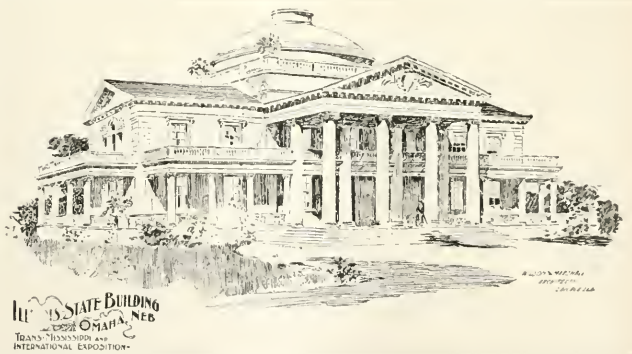
I will make this the theme for a series of articles to appear from time to time, commencing with the growing of the seed, and ending with an introduction of a new variety.

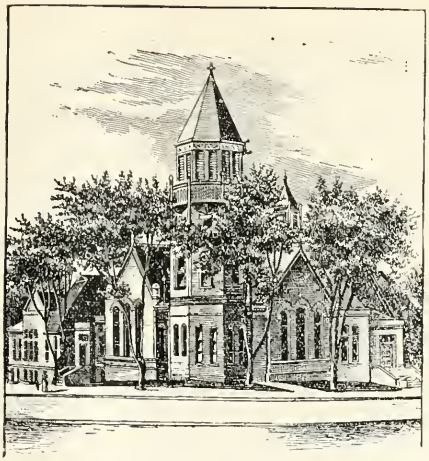
FRED DORNER.

CARNATIONS AT REINBERG BROS.

In carnations Reinberg Bros., Summerdale, Ill., will this season bench 13,000 Scott, 11,000 McGowan, 8,000 Nancy Hanks, 7,000 Pingree, 6,900 Jubilee, 6,000 Flora Hill, 4,000 Triumph, 3,000 each of Daybreak and Morello, 2,000 each of Argyle and Evelina, 1,000 each of Armazindy, Painted Lady, White Cloud and Evanston, and 500 Mrs. McBurney.

They like Flora Hill. It is a good grower and bloomer, and though not as free as McGowan, the flowers bring a much better price. Jubilee they consider a good carnation, but fear its stay won't be long on account of its tendency to rust and irregularity in blooming. They are much pleased with Triumph, which they find to be a good grower and free bloomer and flowers with good stems, but it must be well staked. Pingree suits them very well and is decidedly the best yellow they have grown. They are surprised that Nancy Hanks is not more generally grown. With them it is a very profitable variety, free in blooming, flow-





First Congregational Church, Omaha, Neb., in which the coming Convention of the Society of American Florists will be held.

ers, good color and with stiff stem. They are trying only a few Mrs. McBurney as they fear the color is not positive enough to make it a good seller. Evanston is a new variety produced by Mr. M. Wieland, of Evanston, Ill., and they are very much pleased with it. It is very similar to Tidal Wave, but of a brighter color and with a fine stem. They tried Gold Finch, but it came too small and the flowers wouldn't sell alongside of Pingree, Nivea, Ivory and Portia were all dropped for lack of size. Meteor didn't bloom freely enough and came off color. Many of the flowers were almost black the fore part of the winter. Emma Wocher was too single and a poor keeper. Harrison's white was too small.

They give McGowan a temperature of 50 to 55 degrees, and all others 50 to 52 degrees, and keep Daybreak at the lower limit. Last year they noted that carnations benched Sept. 1 did better than those benched two weeks later and they will aim to have theirs benched by the earlier date this year. They will this year adopt a system of staking they noted at Wietor Bros. This consists of light wires running between each row lengthwise of the bench and lengths of No. 8 telegraph wire tied across. Their carnations now in the field occupy 8 or 9 acres of ground. The plants were somewhat damaged in spots by a recent heavy rain.

For summer blooming they have 18,000 plants of the White Kohinoor planted out. They find this a splendid pure white for summer flowers, though when grown inside for winter the flowers are variegated. One advantage of this sort is that it needs no staking, each plant sending up seven or eight stems two feet tall and strong enough to need no support. They use this sort for summer blooming only, housing only enough stock to propagate from. The cuttings are rooted from the middle of November to middle of December, and carried through the winter in pots in the greenhouse. They are in 3-inch pots by last of April or early in May, when they are planted out in the field. They are also growing 10,000 Portia for summer flowers, but they will not grow it again after this season.

The Press Building at the Omaha Exposition.

BEDDING.

In the main parterre at Lincoln Park, Chicago, this summer, in addition to the carpet beds, are the following: Bruantii geraniums bordered with Begonia Schmidtii, the same geranium bordered with Alternanthera latifolia aurea, Mrs. E. G. Hill geraniums with a line of La Favorite between them and the border of Rose geraniums, La Favorite geraniums bordered with Alternanthera latifolia, Mrs. E. G. Hill geraniums bordered with Blue Bedder lobelia, La Contable geraniums (bright double pink, very striking) with border of Alternanthera aurea, Bruantii geraniums bordered with Thymus argentea.

Alphonse Bouvier cannas with border of Acalypha Macafeeana, Stella Kanst cannas with line of Flamingo cannas between them and the border of Abutilon Souv. de Bonn, Souv. de Antonin Crozy cannas bordered with Acalypha Macafeeana, Chicago cannas with row of Chas. Henderson cannas between them and the border of Souv. de Bonn abutilons, Canna Brilliant (yellow with red in center) with border of acalypha, Mme. Crozy cannas with row of Queen Charlotte around and border of acalypha, Mme. Crozy cannas with ricinus in center and border of Pennisetum longistylum, Egandale cannas with border of Coleus Parquette.

Portia carnation bordered with Cineraria maritima candidissima, Torenia Montenegro bordered with Mme. Salleroi geraniums, Phlox Drummondii bordered with Alternanthera latifolia, Begonia Schmidtii bordered by Begonia semperflorens floridus, single petunias bordered with Coleus Parquette, Cope's Pet Ageratum bordered with Pyrethrum aureum, Gomphrena globosa bordered with Alternanthera latifolia, Penstemon paniculatus bordered with Coleus Pine-Apple Beauty, Dianthus chinensis Heddewigii (the single flowered sorts making a fine show) bordered with Thymus argentea, Vincas alba and rosea bordered with Cineraria maritima candidissima, heliotrope, bordered with Mme. Salleroi geraniums, purple stocks bordered with small plants of variegated vinca (used here while being grown on for vase plants).

In cannas Mr. Stromback says Souv. de Ant. Crozy will take the place of Queen Charlotte as a bedder with him

as it is a better bloomer and gives a stronger effect. He likes Charles Henderson, but to get it in bloom early enough he starts the plants inside in February. He makes the soil of his canna beds very rich, digging in a layer of manure three to four inches thick, and he is careful to see that the beds get a thorough soaking every other day and that the ground is well cultivated till the foliage is thick enough to hide it.

Geranium Bruantii is now in splendid bloom and leaves nothing to be desired, though the plants showed but little bloom before being planted out. Verbenas have done splendidly here this season, the show of bloom being the best seen here in years. In the Chinese pinks the single flowered sorts are much the showiest and next year Mr. Stromback will have some beds containing all single varieties. Some of the flowers are fully two inches across and very beautifully marked. They attract much attention from visitors.

CHRYSANTHEMUMS

CHRYSANTHEMUM NOTES.

The general routine of work is now in order, the most important point being to do at once anything that needs doing, not permitting it to accumulate. Always keep the same man removing side shoots and such work because the more a man does the more proficient he becomes and will accomplish more work in consequence.

As the benches get filled with roots they will need more water, some varieties requiring much more water than others. Leaf spot is due to indiscriminate watering and planting too closely, and if there is one thing I dislike to see it is a bench with all the bottom foliage stripped off the plants. Aside from the appearance it must undoubtedly be injurious to plants for the leaves are their lungs. Take the case of Golden Wedding. A few years ago we used to hear about the sections where it was swept off by disease. Today it seems to flourish everywhere, simply because most growers have become aware of the fact that it needs comparatively little water.

When the plants show that peculiar smoky color when viewed from one end of the house it may be taken as a sign that they are in perfect health.

Caterpillars are positively swarming this year in this section and are as ravenous as a Santiago Spaniard. When syringing get the hose down and force the water up on the under side of the leaves. You may be surprised to see the miscellaneous collection of insects that has been lodging there.

Supports.

Everybody has their own ideas on the easiest way to support the plants, and it is a question that begins to call for attention. Great Scott says there is only one way—run a wire along the bottom and another well up on the top and run up a separate string for each plant. This is excellent and probably the best scheme that could be devised for benches. Many of our plants are in boxes and this necessitates the use of wire or bamboo stakes. Stake your plants in good season and the work is not half so tedious as it is when they are overgrown and crooked in the stem.

C. TOTTY.

PINCHING SPECIMEN PLANTS.

I have been growing a specimen plant of W. H. Lincoln since last January and would like to have it at its best by the middle of the second week in November. How late will it be safe to give the last general stopping? The plant had its last shift about June 20 and is now about ready for another general stopping. Should this be the last or can I venture another, which would be about the first week in August? Would it be safe to give Miss G. Pitcher also the last stop about the first week in August?

TORONTO SUBSCRIBER.

Replying to your Toronto correspondent concerning the pinching of specimens, I would recommend him not to stop again after July 18th. In New Jersey the 3rd week in July is considered late enough to stop specimens that are needed for exhibition by Nov. 10th, and since he is considerably further north he will find the 18th late enough. Location makes quite a difference. For instance, in the Southern States they can and I believe do pinch till well into August.

Your correspondent speaks of a general stopping, by which I presume he means stopping all the shoots at one time. This he should not do. It is far better to go over the plants every day and stop only such shoots as are getting ahead of the others. Then the plants do not receive any check and will break better.

With regard to the plant of Miss G. Pitcher, I would say, merely stop only the leaders as soon as possible and then let it go ahead. C. TOTTY.

OUR GENERAL INTRODUCTION.

No. 8.

Every subscriber is requested to send his photograph (cabinet size preferred) for use in our general introduction, but please do not send us photos that must be returned, as we have to cut them in arranging the groups, and do not send tintypes, as these are not available. In sending photos please be sure to write your name and address on the back.

240. A. Donaghue, Sr., Omaha, Neb., Vice-President Society of American Florists.
241. A. Donaghue, Jr., Omaha, Neb.
242. J. J. Hess, of Hess & Swoboda, Omaha, Neb.
243. Geo. Swoboda, of Hess & Swoboda, Omaha, Neb.
244. Lewis Henderson, Omaha, Neb.
245. R. H. Davey, Omaha, Neb.
246. L. C. Chapin, of Chapin Bros., Lincoln, Neb.
247. H. Bayersdorfer, of H. Bayersdorfer & Co., Philadelphia.
248. Paul Berkowitz, of H. Bayersdorfer & Co., Philadelphia.
249. Lewis Ullrich, Tiffin, O.
250. John E. Lager, of Lager & Hurrell, Summit, N. J.
251. H. Hurrell, of Lager & Hurrell, Summit, N. J.
252. Stephen Taplin, Detroit, Mich.
253. Fred R. Mathison, Waltham, Mass.
254. E. H. Smith, Macomb, Ill.
255. Chas. H. Green, of Green & Nicol, Fremont, Neb.
256. Dave Nicol, of Green & Nicol, Fremont, Neb.
257. W. A. Herbert, Wellsville, O.
258. H. D. Rohrer, Lancaster, Pa.
259. A. Colijn, of Colijn & Sons, Voorhout, Haarlem, Holland.
260. Otto H. Sasse, Milwaukee, Wis.
261. C. F. Ellery, Baker City, Oregon.
262. Frederic Cranefield, Wisconsin Experiment Station, Madison, Wis.
263. Alexis Cahow, Roseland, La.
264. E. N. Reasoner, Oneco, Fla.
265. J. Chas. McCullough, Cincinnati, O.
266. A. Brill, Pawling, N. Y.
267. James McManus, of MacDonald & McManus, New York.
268. J. A. Budlong, Sta. X., Chicago.
269. A. H. Budlong, Sta. X., Chicago.
270. J. J. Kelley, Valley Falls, R. I.
271. J. W. Olds, Petersburg, Ill.
272. Morton Criley, with Teter Floral Co., Ottumwa, Ia.
273. Peter MacDonald, of MacDonald & McManus, New York.
274. Pearl E. Teter, of Teter Floral Co., Ottumwa, Ia.
275. Paul C. Kopanka, Morton Grove, Ill.

WHEN you write an advertiser, always state that you saw the adv. in The Florists' Review.

OUR GENERAL INTRODUCTION. No. 8.

MISCELLANEOUS SEASONABLE HINTS.

Chrysanthemums Supports and Diseases.

There may be some of us, and likely is, who have not yet tied up the chrysanthemums. You still see used in some places the old fashioned stakes. It is a great mistake and even if not more expensive than string does not answer the purpose nearly so well. On side benches, where dwarf kinds are grown, the stake will do, but with varieties that grow 4 and 5 feet high there is only one satisfactory way to support them. Near each row and an inch or so above the soil a wire should be stretched across the bed and 6 or 7 feet above the plants a similar wire. If you have a one-inch iron pipe for purlin on each side of house then the top wire is easily arranged, but if not, there is always some way of arranging it. From the bottom wire to the top one at every plant run a coarse string. There is a cheap loose string sold that is just right for the purpose. It is the color and somewhat the texture of the farmer's ordinary binding twine, but not nearly so strong and less than half the price.

I said a string for every plant, and I wish to emphasize that, no matter whether you grow 1 flower or 3 to a plant. Last year an attempt to be economical was made at my expense and was much regretted before the crop was cut. Every plant deserves and should have a string.

The black fly, which is almost or quite peculiar to the chrysanthemum, is as much in evidence as ever. Three successive fumigations will rid the plants of them for several weeks and is much the best plan, but if not handy to do, the extract of tobacco diluted to one part in 50 of water will clear them out for a time.

The rust that attacks several varieties and prevents many a grower from cultivating that king of yellows, Golden Wedding, is not well understood. It is a fungus no doubt, and when it attacks a plant, if let alone, will creep up and up till the petals are affected and the flowers useless. I am certain that it can be arrested by the use of the liquid Bordeaux Mixture or what is more easily made, the ammoniacal mixture. This disease troubled but a very few varieties some years ago, but last year I saw it on Philadelphia, Yellow Queen, Mrs. E. G. Hill and even on that robust and good growing variety Lincoln. Now, if these sulphate of copper mixtures will arrest the spread of the disease on plants affected it surely must be a good plan to use it as a preventive, which I am doing now and would advise all to do who are troubled with the rust.

Carnations.

In the spring I advised you to plant out a thousand or two carnations of half a dozen of the best varieties of decided colors and let them run up to flower for they would come in very useful between the time that your old crop was thrown out and the new began to produce. In a climate where no frost appeared before November they would be of the greatest use as I have proved and where frost does occur, say end of September, which unfortunately is the case where the writer grows his carnations, they are well worth some slight protection against the early frosts. I speak of them to remind you that although you will be stopping your winter flowering carnations for another month these that are intended to flower out of doors should be pinched no more and they deserve a stake to keep heavy rains from beating down the shoots and flowers.

The Bermuda Lily.

The Bermuda lily will soon arrive. They are already arriving at our seaports. You have most likely ordered 5 to 7 for winter flowering and 7 to 9 for later crops. It is poor policy to let the bulbs lay round in the shed drying out. If well packed in sand they will suffer less harm, but if possible get them potted as soon as they arrive. There is no hurry about the larger size bulbs arriving; if they are here in a month it will be plenty of time, but if shipped you had far better have them than for them to be lying round some warehouse. The Bermuda lily is grown during late fall and winter much more for the cut stems than as a pot plant and even if we do lose 25 or 30 per cent they are still much more profitable than many plants we grow. I tried one year to grow a number of bulbs in boxes, 18 inches square and 4 or 5 inches deep, but will never do so again. They do not all flower within a month of the same time, and altogether, it is a very unsatisfactory way to handle them, particularly nowadays when half of them may never produce a flower.

It is desirable to get some in as early as you can. So pot the 5 to 7 bulbs at once in 3-inch pots. If you have a shady bench it is just as well to place the pots there as out of doors. After one good watering, keep moderately dry till you see evidence of growth. The 3-inch pot is large enough to start them and when they have grown an inch or two and appear healthy shift them into a 5-inch, as small a pot as a good lily should have.

WM. SCOTT.

AMONG PHILADELPHIA GROWERS.

The following notes are taken from about a dozen of the largest growers, arranged alphabetically. The places are all in good condition; quality is therefore not considered.

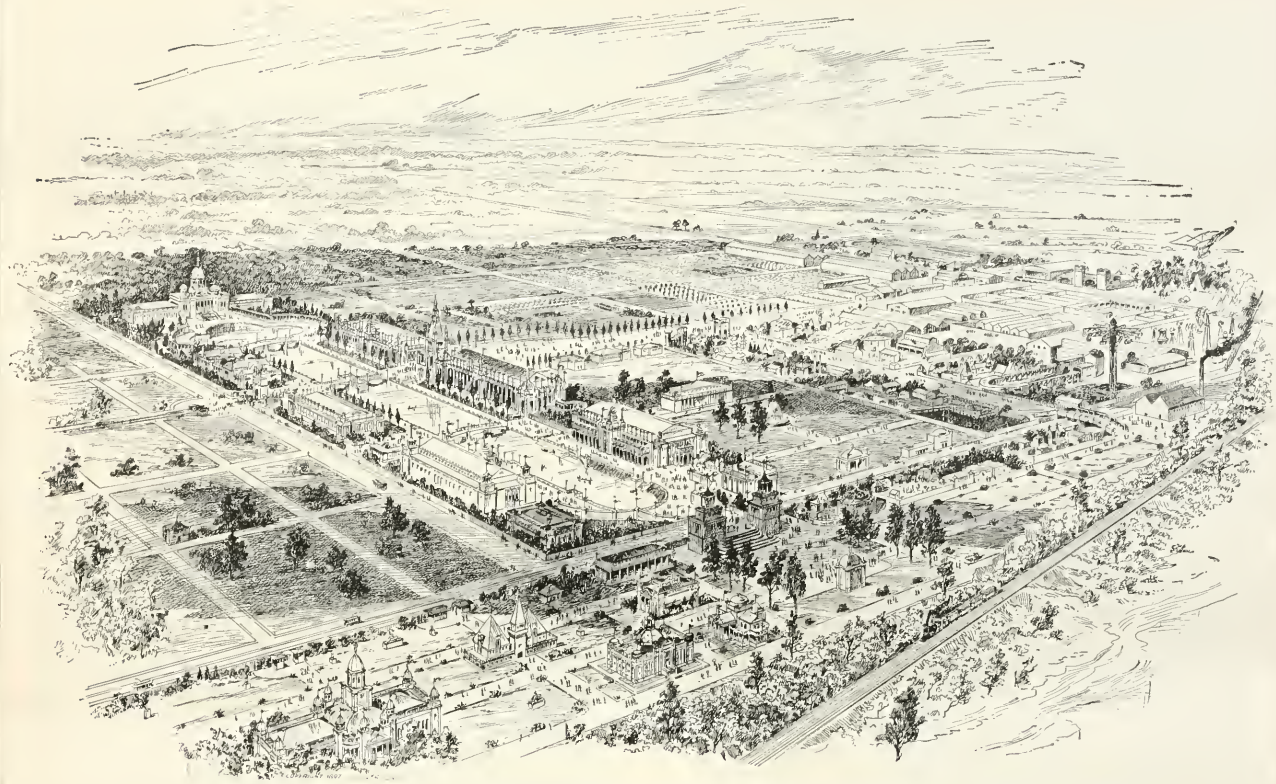
Geo. Anderson's.

George Anderson has 18 houses containing some 35,000 feet of glass at 50th street and Woodland avenue, West Philadelphia. He has six houses of Beauties, three of Brunners, two of Kaiserins, two of Meteors, one each of Brides, Maids, La France and Carnots, and one north side propagating house. His houses are three-quarter span to the south and are heated by steam with two 50-horse power horizontal boilers. Coke from the gas works is burned, together with "breeze," which is considered a great saving in expense when heavy firing is not needed. Brunner has been Mr. Anderson's most profitable rose, but he finds the increased quantity of Beauty on the market depreciates the price of Brunners. Meteor improved as the season advanced and was in great shape when thrown out two weeks ago.

Brides and Maids are being tried grafted, about one half this way and one half on their own roots. Mr. Anderson thinks a comparison unfair at present, the grafted stock being about twice as big as the own root stock. La France, which was largely grown formerly, is hard to sell. Kaiserin, on own roots, is grown in a ground bed for a summer rose, which, as Mr. Anderson puts it, means nine months' flowering out of the twelve. The plants are not rested enough to allow the foliage to drop. The houses have been in two and three years respectively. Carnot is being lifted for replanting in a ground bed in another house; 2,000 Longiflorium lilies and 1,500 Hydrangea Otaksa, two thirds of them 8-inch, replace a house of hybrids and are forced for Easter.

Chas. D. Ball's.

Charles D. Ball has 60,000 feet of glass at Holmesburg. There are twenty houses devoted exclusively to palms. Areca lutescens is here in large quantities, then come Latania borbonica,



BIRD'S-EYE VIEW OF THE TRANS-MISSISSIPPI AND INTERNATIONAL EXPOSITION, OMAHA.

The Horticultural Building is seen in the immediate foreground at the left. The other principal buildings are clustered around the Grand Canal, with the Government Building at the further end. The smaller buildings were erected by the various states.

Cocos Weddeliana, Kentias Belmoreana and Forsteriana, Livistona rotundifolia and Ficus elastica, all in quantity. Mr. Ball's aim is to send out sturdy, cool grown plants that will stand well. No heat is used in summer except in the seed house.

Lemon oil is considered the best insecticide, the plants being looked over three or four times a year. Indurine, a cold water paint, is considered the best shading, the only trouble being it sometimes gets through on the plants when being applied to the roof. W. H. Taplin, the manager, finds it will scale off kentias and latanias, but it gives so much trouble to remove it from arecas that he suggests using some covering on the plants when applying the shading. Water proof muslin is also used for shading to some extent. A meter is found to save one half the cost of taxes for city water. The stock is shipped to florists all over the United States and Canada, as well as being sent to the city stores.

John Burton's.

John Burton has 90,000 feet of glass at Chestnut Hill devoted almost exclusively to roses. Fully one half of this glass is planted with American Beauties. Meteors, Maids, a few Brides and one house each of American Belle, Brunner and Carnot and Kaiserin are also grown. There are two houses of Mr. Burton's seedling carnation, Alba Superba, and one house each of Asparagus plumosus, Asparagus Sprengerii, Cypripedium insigne and Areca lustescens.

The Beauties, with the exception of one house, are all grown on benches in houses three-quarter span to the south and mostly with front ventilation. The aim is to grow rather short, sturdy Beauties, which are thought more likely to yield flowering shoots when wanted than very tall plants.

Grafted Maids are being tried extensively. The Kaiserins are also grafted and are bearing freely. Carnot is being carried over in a ground bed. This rose seems to make but one break from a shoot after a bud is cut, instead of three or four.

Alba Superba has been planted indoors a week or so. Asparagus plumosus is grown in a ground bed, but A. Sprengerii is on benches for cutting sprays. Cypripedium insigne is under cover outside.

Mr. Burton considers Beauty his best rose. Nearly all the planting is finished, the stock being large and vigorous. The output goes partly to Philadelphia florists and partly to regular customers in other cities.

Robert Craig & Son's.

Robert Craig & Son have 200,000 feet of glass at 49th and Market sts., West Philadelphia, and 25,000 more at the place formerly run by Smith & Cliffe, a little further out of town.

The latter part of their place will be devoted pretty much to carnations. They have 75,000, planted out last April, which are now nearly equal to a usual fall lifting size. Evelina, Gold Nugget, Flora Hill and Victor will be largely grown, a bench of Mayor Pingree 150 feet long, and a full house, same length, of Mr. Heacock's pink seedling that took the Craig cup last fall, also all the novelties of promise.

These carnation houses are now filled with decorative plants, planted out on the benches, the idea being that they will make quicker growth through the summer and can be potted in the fall before the carnations require housing. Livistona rotundifolia does well in this way, also they have Pandanus Veitchii, Dracaena terminalis and Boston fern. Mr. Craig has 6,000 Dracaena terminalis, 1,200 planted in benches and 4,800 in pots, that he is growing for Christmas. His idea is that red is always in active demand for the holidays and that these dracaenas, nicely colored, will be just the thing to catch the popular fancy.

Two year old Crimson Ramblers in quantity are making strong canes in the field. They also have the white sport of Maman Cochet, the parent being considered the best outdoor rose for florists to date.

At their old place are ten houses each of arecas and kentias, four of the latter planted out on the benches. A lot of Araucaria excelsa imported in the spring and Cocos Weddeliana in enormous quantities are also there.

This place is famous for its crotons. Mr. Craig introduces this plant to the city florists thus: "Drop them into a bowl or jardiniere and they will last a month, giving far more for the money than cut flowers." It is a good way of putting it. The propagating is done by mossing the cutting on the plant as in Ficus elastica.

There are two houses of grafted Kaiserins planted after Easter which are 4 feet high and bushy. Mr. Craig considers these more profitable than winter roses.

Asparagus plumosus is grown on side benches near the glass for sprays. This is at variance with the accepted idea that the roots of this plant require the cool depth of soil of a ground bed.

In Hydrangeas, monstrosa is grown chiefly, Otaksa and Thos. Hogg being seen in smaller quantities. To color hydrangeas blue a couple of lumps of alum about the size of a hickory nut are put in the soil when the plant goes into a 6-inch pot. This colors the foliage a deep green as well as giving a pretty shade of blue to the flowers. Applying alum water is more laborious and if overlooked the flower is apt to come poorly colored. This firm does a local and out-of-town business.

J. W. Y.

(To be continued.)

IF YOU HAVE anything to sell to the trade, offer it in an adv. in The Review.

...THE...

Society of American Florists

WILL HOLD ITS

Fourteenth Annual Meeting

...AT...

Omaha, Neb., August 16, 17, 18 and 19.

OFFICERS.

Pres.. WM F. GUDE, Washington, D. C.
Vice-Pres., A. DONAGHUE, Omaha, Neb.
Sec'y, WM. J. STEWART, 67 Bromfield St., Boston.
Treas.. H. B. BEATTY, Oil City, Pa.

Members may remit their annual dues in advance to the Secretary, who will mail receipt and badge for 1898.

For space in the trade exhibition address S. B. STEWART, Supt., 149 North 16th Street, Omaha, Neb.

OMAHA HOTELS.

Below is given full information about the hotels of Omaha that are convenient to the convention hall:

Hotel.	Capacity.	American. Plan.	Europ'n. Plan.
The Millard, 13th and Douglas,	100	$3.00 up.	$1.50 up.
Arcade Hotel, 13th and Douglas,	100	2.00	
Hotel Dellone, 11th and Capitol av.	450	2.00 up.	1.00 up.
The New Mercer, 12th and Howard,	300	2.00-2.50	1.00-1.50
Hotel Barker, 13th and Jones,	100	1.50	1.00
The Midland, 16th and Chicago,	150	1.50-2.00	.50-1.00
Drexel Hotel, 16th and Webster,	100		.75 up.
Murray Hotel, 14th and Harney,	100	2.50 up.	
Victoria Hotel, Dodge st., nr. 13th,	50	1.50 up.	
Dodge European (gentlemen only), 101-111 So. 13th,	40		1.00
Hotel Vendome, 414 So. 13th,	40	1.00-1.50	
The Windsor, 10th and Jackson,	50	2.00	
Hotel Garfield, 1515 Howard,	200		.25 up.
The Brunswick, 16th and Jackson,	200	2.00-3.00	1.00 up.

THE OMAHA PARKS.

I send you some scenes in the parks of Omaha. Florists everywhere who intend visiting the convention cannot but be interested, and many will doubtless enjoy a drive, while here, through all of them.

There are seven parks in and around the city. Hanscom, Elmwood, Riverview, Fontenelle, Miller, Bemis and Himebaugh are their names, and they all give promise of a perfect system when completed.

William R. Adams is and has been for years the able superintendent, and under his care they have developed rapidly. They represent an outlay of a million and a half, and include a total of about 600 acres. Hanscom park has a fine greenhouse and some good specimens of palms that now grace the Fine Arts building at the Exposition.

Views in Hanscom Park, Omaha, Neb.

There are many beautiful views from the elevations, and in fact from every part of Omaha; a grand vista of bluffs and lakes and river may be enjoyed. It is "a city set on a hill." The parks will attract many of the convention florists I am sure, and add not a little to the feast of pleasure which I bespeak them. J. AUSTIN SHAW.

THE FLORISTS' REVIEW

G. L. GRANT, EDITOR AND MANAGER.

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SOME OMAHA FLORISTS.

In our introduction group in this issue will be seen the faces of a number of Omaha florists who will be met at the coming convention.

A. Donaghue, Sr., whose pleasant face appears first in the group, is vice-president of the S. A. F. this year and will surely be well liked by the visitors. His enthusiasm as to the convention and his efforts to arrange for the pleasure and comfort of the visitors should awaken any interest that may be dormant east of the Mississippi. Mr. Donaghue is enjoying a well won retirement from the cares of business. His 56 years rest lightly upon him and his devotion to athletics and his bowling scores indicate a reserve force that gives promise of a "good old age."

A. Donaghue, Jr., as you may see, is still a young man, in fact about the youngest in this country with the responsibility of nearly 40,000 square feet of glass on his shoulders. He has succeeded to the business so splendidly established by his father. He is a "chip off the old block" as to sport, and will be very apt to Captain the Omaha bowling team if he maintains his present average.

J. J. Hess is one of the leading florists of Omaha, having been in the business here since 1888. He was born in Amrisweil, near Lake Constance, Switzerland, in 1863, and acquired his first experience in the business in the University of Tubingen in Southern Germany. He was also employed in the Basle Botanical Gardens of Basle, Switzerland, for nearly three years, and was associated for a year with Steir, the leading landscape gardener of Switzerland. Mr. Hess came to America in 1884 and located in Indianapolis, having charge of the greenhouses at the insane asylum in that city until he moved to Omaha.

Mr. Hess's partner, Geo. Swoboda, was born in Saxony in 1861. He learned the business with his uncle, J. C. Schmidt, of Erfurt, one of the largest horticultural concerns of Germany, and is a brother-in-law of Schultz, the leading florist of Berlin.

Mr. Swoboda worked in Belgium, and afterwards with Sanders, of London. He came to America in 1884 and worked first with Siebrecht & Son, of New Rochelle. He has entire charge of the greenhouse department of the firm's business and their plant comprises over 20,000 square feet of glass.

Messrs. Hess and Swoboda are both much interested in the coming convention and will do their share towards making it a success.

R. H. Davey is one of Omaha's oldest florists, having been in the business 14 years in that city. He does a general decorating business, but his specialties are aloes and cacti, of which he has had over 500 varieties. He has four large beds of plants on the Exposition grounds in the Nebraska State and County exhibits that attract much attention. Two beds of his seedling cannas, all novel, will interest visiting florists.

He was born in "My Maryland" in 1836, and fought in the 24th Michigan Regiment during the civil war under Col. Morrow, and if he wasn't 62 years old he would be fighting against another "Morro" now.

The Chapin Bros., of Lincoln, Neb., are amongst the leading florist houses of the west. Their plant, 4 miles from Lincoln's centre, consists of 15,000 square feet of glass, while connected with their store in the centre of the residence district and close to the capitol, they have two other greenhouses devoted to their palm stock and handsomest plants for home decoration. From a very small beginning in 1889 they have built up a first class trade, which shows a goodly increase every year.

H. A. Chapin was born in 1863 and L. C. in 1869. They are over 6 feet in height and weigh exactly the same, and strangers have difficulty in distinguishing them apart. In fact, it has been stated that their wives have occasional trouble in deciding which one has stayed out too late for bowling practice. They are both fond of athletic sports, and will do their share to make the convention enjoyable. Both are life members of the Nebraska State Hort. Society and members of the Nebraska and Iowa Florists' Club of Omaha. L. C. is in charge of the Nebraska State Horticultural exhibit and the Nebraska State Building.

Lewis Henderson, of Omaha, came to the "land of the free" from the mountains of William Tell over 30 years ago. He has been in the florist business in Omaha during the last 10 years and has a fine plant of 30,000 square feet of glass in South Omaha, the Magic City, and a store in Omaha on Farnham street, in the best business part of the city.

He is a member and director of the Neb. State Hort. Society, the Florists' Club and the S. A. F., and is an enthusiastic bowler. He has ability also as a speaker and made the oration last year at the State Hort. convention.

PHILADELPHIA.

The Market.

That the demand for good white roses is brisk for the season is shown by the fact that quite a lot of orders could not be filled last week, despite there being a great many more Kaiserins grown this summer than there were last year. The advent of grafted stock is responsible for this, the plants benched after Easter are now in many cases producing good crops. This rose brings $3 and $4; a very few specials have brought $5. There is not much else worthy of mention. Orchids, though nice, sell slowly. A few fair Beauties are coming in, some of them from young stock. When cared for, peas are excellent but woefully cheap—that is, the grower finds it so. Perhaps the flower loving public think two bunches for a quarter dear enough in warm weather. Cornflower is good but not very plentiful. Some fine Victor and Scott are seen.

Auctions.

Two auction sales of old greenhouse establishments were held last week. The march of improvements made it necessary for them to go. One of the sales especially emphasized the high

prices lately attained by glass. While the houses did not realize high prices, the bidding was quite lively. Glass is now in many sizes 75 per cent higher than it was two years ago. This percentage is exactly true of 16x24 inch double A, much used by the growers. The advance is not so great proportionately in the smaller sizes.

Planting.

The planting around Horticultural Hall in Fairmount park is looking well this season. The terrace facing the Schuylkill river is adorned on one side of the broad steps leading to the drive by "1876" in great figures, made of Echeveria secunda glauca, with 1898 on the other, formed with plants of the same variety, the first being our centennial year, when the building was erected for the great exposition.

The circle opposite contains a large cactus bed flanked on each side by rich beds of crotons, mound shaped; the two-year-old plants in the center. At the opposite end of the building is the sunken garden, about one hundred feet in width and stretching far away towards the Catholic fountain and George's Hill.

Beds of geraniums, coleus and alternanthera succeed each other down the center as far as the eye can reach, while the sides terraced down to the level of the garden are ornamented with graceful festoons of the same plants. The grass is in good order and the whole presents a variety of color difficult to describe. An account of the varieties grown will be given later.

Notes.

J. D. Eisele and family have gone to Europe for six weeks. Mr. Eisele calls this his wedding trip, as he went to work the day after he was married.

D. Colflesh, brother of J. W. Colflesh, has with his nephew leased the Billger and Blakeborough place at Mt. Airy.

Some palm seed received this spring turned out poorly, it is supposed from getting too dry coming over. One grower lost 20,000, which was replaced.

Chas. Thomas has a gay red, white and blue window, which certainly seems to have charmed permanent "permission of the owner."

J. W. Y.

ST. LOUIS.

Club Meeting.

The Florists' Club held its regular monthly meeting Thursday afternoon, July 14. President Halstedt was in the chair and all officers were in attendance. The meeting was well attended owing to the nomination of officers.

After the regular routine of business the following nominations took place: For president, C. C. Sanders, Fred C. Weber, William C. Young and E. W. Guy, of Belleville; vice-president, Max Herzog, R. F. Tesson, H. G. Ude, of Kirkwood, and Chas. A. Juengel; secretary, Emil Schray; treasurer, J. J. Beneke; three trustees, J. W. Kunz, Fred Meinhardt, F. W. Ude, F. I. Fillmore, John Steidle and Julius Koenig, Sr.

This closed the nomination. The election will take place at 8 P. M. on Monday, August 8. The payment of dues will be in order at this meeting.

Messrs. Julius Koenig, Sr., Wm. Hudson and Gus Eggling were elected to membership.

The chairman and manager of the next chrysanthemum show reported that the dates for the next show have been changed from Nov. 15 to 19 to Nov. 8 to 12th inclusive, the show to be held at the Coliseum (Exposition Bldg.).

Chairman Kunz, of the transportation committeee, reported that the rates to Omaha and return would be $13.50, and any one who wishes to go should not fail to send in his name. It would be also well to state that should any of the craft from Columbus, Cincinnati or Louisville wish to go with us would do well to correspond with J. W. Kunz, 822 Olive street.

The picnic committee reported that all arrangements have been made, that the tickets were on hand to be distributed and about 200 were taken. The Belleville members at the meeting stated that everything was in readiness to make it pleasant for all who attended.

It was also decided that the next three regular meetings during August, September and October, shall be held in the evening instead of afternoon at the same hall, and should these meetings prove successful we shall continue to hold them at night. After a few lengthy arguments on this question the meeting adjourned.

The Market.

Trade for the week past was extremely quiet, no shipping trade and local conditions very flat. The rose stock that comes to this market is very poor and not enough to go around for what little the retailer needs. The average price is $2 and some extra good stock brings $3 and $4. Brides and Meteors are the best sellers. Perles are still scarce. Carnations are down to 75 and 50 cents per 100, a few good ones bringing $1. Sweet peas continue at 15 cents and only the white and light pink sell. Gladiolus and tuberose stalks are very plentiful now, the former selling at $2 and $3 and the latter at $5 per 100 stalks. Asters were a little scarce last week; $1 per 100 is still the price.

Notes.

The general manager of the Exposition has promised the chrysanthemum show committee a special prize of $500 to be known as the Business Men's League prize. This will be for a grand sweepstake to be given the first night for the best lisplay of plants and flowers; $250 for first, $150 for second and $100 for third; three judges to be selected from the Business Men's League and three society ladies to be selected by the florists.

Frank Ellis, of the St. Louis Cut Flower Co., left Saturday night for a trip West. Frank will be back in about two weeks.

Bowling Items.

The Bowling Club rolled four games Monday night at the Grand alleys, with eight members participating. The evening was hot, but this did not seem to have any effect on the boys, as will be seen. We rolled an extra game. The scores were as follows:

	1	2	3	4	Tot.	Av.
J. J. Beneke	196	175	156	167	694	173
Carl Beyer	156	157	137	173	623	155
Emil Schray	143	166	140	171	620	155
J. W. Kunz	162	135	170	148	615	153
C. A. Kuehn	124	152	163	174	613	153
C. C. Sanders	142	103	129	137	511	127
F. J. Fillmore	132	96	100	124	452	113
John Young	65	113	135	...	313	104

J. J. B.

NEW YORK.

In the Market.

In answer to my enquiries, how's the market, the reply I received was, "there is no market," and this about covers the whole thing. Flowers there are, but what flowers! Truly, it may be said summer is here and with it summer flowers and summer trade, what there is of it, and there is mighty little.

Beauties and Meteors seem to be getting the best of it, some of the former that have been really good realizing 20 cents a piece, while tiptop Meteors have sold as high as $6 per 100. These prices are, however, exceptional, while ordinary roses have scarcely realized the cost of picking and expressage.

Sweet peas there are in abundance and $1 to $3 per 100 bunches are about the average prices.

There are quite a few carnations, some fairly good, considering the time of year, and sell from 25 to 75 cents per 100.

Retail Trade.

The tremendous exit by the steamship lines the last week has helped this class of trade somewhat, but it does not come up to expectations by a long way yet, however.

Mr. Joseph Fleischman opened his new store in the Empire Arcade during the week. The store is beautifully decorated in silver and green and the whole is resplendent with mirrors, electric lights and cut glass chandeliers. The ice box of large dimensions is of white porcelain and the floors are tiled. Mr. Gus A. Wolfe is the able manager and he says he is going to make a success of this new venture.

The N. Y. Market Florists' Association.

The adjourned meeting of the above took place this (Tuesday) evening at the Clinton market, with Mr. Lehnig, the president, in the chair. About 20

members were present. An interested visitor, Mr. Peter Barr, London, England, of Narcissus fame, was also present.

After the regular business the main object of the meeting was brought before the association, the question as to who and who would not continue their stands through the summer months. After considerable discussion Mr. Rapp, the superintendent of market, announced that those members who had paid their market fees up to date, could, by giving notice, relinquish their stands and by formal notice secure them again in the future.

Messrs. Steinhoff, Dreyer and Leach said they would hold theirs during the summer, as they had great hopes for the future of the market and hoped by setting the example to induce others to do the same. It was decided to adjourn to meet again the first Tuesday in September.

Before doing so, however, Mr. Morris, in his usual witty and inimitable style, introduced Mr. Barr, who then addressed the association, giving a history of the London Covent Garden, where he had been in business for over 40 years. He spoke of its early history, comparing it with their own and said in spite of attempts to move it somewhere else Covent Garden Market, like Clinton Market, would always be the centre for plants and flowers. During the discussion that followed, Messrs. Withers and Morris took part, the wit of Messrs. Barr and Morris was especially pointed. It was rather, however, the thrust of the rapier than that of the bludgeon, as Brother Morris explained, and was much enjoyed by the members present.

Mr. A. D. Rose was at his post as secretary and Mr. Newly-Wed Schiller was also present the first time since the happy union. P. S. He went home early.

Various Notes.

Mr. Thomas Young, Jr., "quietly folded his tent" and sailed away last Saturday on the S. S. Campania to "dear old Lunnon," from whence he will go to the old homestead at Eastbourne, the most fashionable watering place in the south of England, returning in time for the fall opening.

Mr. R. W. Clucas, of the firm of Clucas & Boddington Co., has gone to Asbury Park, where his family is at present located and will remain there a week, basking in the sun and taking an occasional dip in the briny.

Mr. David Y. Mellis, of the Borough of Queens, has also gone to salubrious Asbury Park, and will doubtlessly be much missed by the Flatbush bowling Club. "Lobster pots," not "standard" will be more in David's line in future, and we trust the catches will be large.

Mr. Robt. Grey, late manager for Mr. Julius Roehrs, has taken a position as superintendent with Mr. Oakes Ames, North Easton, Mass., and so we may hear of some more seedling orchids which are Mr. Grey's specialty.

H. M. Sanborn and family of Oakland, Cal., have gone to Bradley Beach, N. J., for their summer vacation.

BOSTON.

Review of the Market.

For this season of the year business still holds its own, there being nothing to break the usual summer dullness, although the stock is fairly well cleaned up for funeral work and sent to the departing European steamers. A large number of well known society people, the war scare having abated to some extent, are now taking their annual outing abroad, and it all works to the advantage of the trade.

Of staples, roses can be said to be in the greatest demand, and as is usual at this time of the year are not over plenty, and anything above an average quality sells on sight. Beauties are very good and sell well, some nice stock coming from Newport, price ranging from 75 cents to $4 per dozen. What stock of Kaiserins that show up are taken readily at $1 per dozen, while Brides and Maids sell from $2 to $4 per hundred.

Casey, of Melrose, is now bringing in some of those elegant Perles for which he is famous and easily obtains $5 and $6, while Reuter's Meteors go slower, averaging $5.

Carnations are a sticker, quantities being sold at from $2 to $5 per thousand. A few exceedingly good kinds and blooms will, however, bring good prices. Henry Cartright, of Wellesley, brought in this week some Scotts from out of doors which were fully equal to the best inside grown flowers, and easily obtained $1.50 per hundred.

Valley is plenty and in fairly good demand, still held at $4. The supply of sweet peas has fallen off, with only a very few good ones, which have gone up to about $2.50 per thousand. Asters are being brought in in larger quantities, selling from 50 cents to $1 per hundred.

The Weekly Exhibition.

The usual weekly exhibition brought out a few fine collections of seasonable out of door flowers and three nice dishes of tuberous begonia blooms, for which prizes were awarded, first to E. P. Converse, second and third to James L. Little, who was also awarded a gratuity for gloxinias. Miss Alice L. Grinnell obtained first prize for native ferns and a gratuity for a collection of native flowers. W. C. Lewis, John L. Gardner and E. Sheppard showed some fine blooms of hollyhock and received gratuities. Mrs. E. M. Gill was awarded gratuity for display of seasonable flowers, and Messrs. R. and J. Farquhar & Co. for an elegant show of auratum and longiflorum lilies. W. N. Craig exhibited hollyhocks and sweet peas, Rea Bros., a collection of herbaceous blooms, and the Misses Doran, native flowers; all were awarded gratuities.

News Items.

The exodus of florists still continues. W. Good and Jack Doyle are at Sunapee, N. H., while Carbone has temporarily closed his Boston store and gone abroad.

Ned McMulkin, manager of Galvin's back bay store, is summering at Scituate, Mass.

John Kelly and Miss Smithers, of McCarthy's, began their annual vacation on Monday. John goes to Thumbscap Island, Me., Miss Smithers to Halifax.

H. Siebrecht, of New York, stopped off here for a couple of days on his way home from Bar Harbor, and Judge Hoitt, of Nashua, spent a few hours here on Saturday.

Dan Carmichael, for the past couple of years with Seedsmen T. J. Grey & Co., has severed his connection with that house and goes on Monday to Cincinnati, Ohio, in the employ of J. M. McCullough's Sons. P.

BUFFALO.

The city has been quite lively this past week for fifteen to twenty thousand strangers on our principal streets are very noticeable and they were members and friends of the Young People's Baptist Association who selected our city for their convention of '98. With the exception of some palm decorations at the churches and meeting halls we did not notice any great effect on our sales and many other lines of business could say the same, but such a number of worthy people cannot invade our city for several days without the whole community being benefited.

We have scarcely had our proverbial cool weather the past two weeks. It has been decidedly hot, with drying winds and a ten days' rain would be a blessing for which all would be thankful, even a baseball magnate would be willing to lose the gate receipts for one day to see a downpour. City lots can be kept green with the hose, but the more important expanse of our beautiful parks and cemeteries need nature's stimulant badly, and I hope we will all get it soon.

Mr. Shaw, with his able pen, which wags just now in Omaha, honors some men by appealing to them to gather their friends together and start a march for Omaha next month. I wish I could say for sure that a good team would go from here. A very important meeting of the club will be held this week and the convention will be one of the subjects discussed. Good old Philadelphia has promised her usual contingent. Really one may ask what would a convention be without the boys of brotherly love, and the very great majority of them go to conven-

tion without any "axe to grind;" purely loyalty to the society and incidentally a little holiday and sport.

The boys and girls too are asking when our annual picnic occurs. Early in August will doubtless see us united again in athletic sports at one of our Niagara river resorts. They have been for some years a great success, bringing together in fraternal feeling more friends, their aunts, cousins and mothers-in-law than we thought existed in the state west of Albany, and then you can see them no more for a year.

Another visitor this week who expressed himself as much pleased with our city was young Mr. Wiegand of Indianapolis. We showed him what we could of the features of Buffalo, which we think are at all out of the common run of other cities, notably our parks, Forest Lawn cemetery and our miles of matchless residence streets.

W. S.

CHICAGO.

The Market.

During the first few days of the current week business improved materially, it being less difficult to dispose of all lines of stock, but with the continued hot days things began to take a downward turn and by the middle of the week were in their usual dull state.

Good roses continue scarce with demand fair, but there is such a large percentage of the poorer grades that, necessarily, quantities of stock are left unsold or disposed of at very low figures.

Carnations seem to have shortened up a trifle and are moved with less difficulty than a week ago, though 75 cents is about the top figure.

In miscellaneous stuff gladiolus and sweet peas are seen in immense numbers, the latter in particular, it being almost impossible to get any kind of a price for them as the market is absolutely glutted with this flower.

Club Outing.

The next outing of the Florists' Club will be a trip to the establishment of Messrs. Reinberg Bros., at Summerdale, next Sunday, July 24. The party will take the 1 p. m. train at the Northwestern depot, reaching Summerdale at 1:20. Returning there are trains at 5:37 and 6:53 and in fact every hour. This range of glass is undoubtedly the largest in America and there is much of trade interest to be seen. Some facts regarding this place will be found elsewhere in this issue. The social features promise to fully equal if not exceed those of previous affairs of the sort, and there will be a warm game of baseball between the city florists and the growers.

Early Closing.

Following appears a copy of an agreement among the leading retail florists that explains itself. May other cities follow suit:

Chicago, July 2, 1898.

We, the following Retail Florists, of Chicago, Ill., hereby agree to close our respective places of business at 6 P. M. daily and at 12 M. on Sundays, from Tuesday, July 5th, until Monday, Sept. 5th, 1898; or until due notices to the contrary have been issued.

We, furthermore, agree, that in the event of our withdrawal from the above obligation hereby entered into, to give written notice to all parties whose signatures are hereunto affixed of such intention not later than one week previous to the date on which said withdrawal is to go into effect.

Signatures:—

CENTRAL FLORAL CO.
P. J. HAUSWIRTH.
ERNST WIENHOEBER.
WALTER KREITLING
J. C. CRAIG.
C. T. NEIGLICK.
W. J. SMYTH.
E. HOBBS.
C. A. SAMUELSON.
O. J. FRIEDMAN.
JOHN C. SCHUBERT & CO.
AUGUST LANGE.

To Omaha.

The Chicago Florists' Club has made arrangements for transportation to the Omaha convention via the Chicago, Burlington & Quincy R. R. The round trip rate will not exceed $20 (there was a slight error in the figures announced last week) and the Club is assured of the very lowest rate that can be made by any road. The roads in the Western Passenger Association are now taking a vote on a proposition to grant a round trip rate of one fare plus $2, and if this carries, the round trip rate from Chicago will be only $14.75. A special car has been arranged for and berths may now be reserved in same by addressing G. L. Grant, 334 Dearborn street. The sleeping car fare is $2.50 each way. All in the trade who wish to do so are cordially invited to travel from Chicago with this party. The Chicago delegation promises to be large, and a pleasant time is assured.

Bowling.

Following are the scores and averages made at the alleys last Friday evening:

	1st.	2nd.	3d.	4th.	5th.	6th.	Av.
G. L. Grant	160	170	162	171	158	116	156
P. Hauswirth	147	172	135	127	102	137	136
G. Stollery	135	139	136	117	134	...	132
C. Pruner	83	173	139	...	...	...	131
F. Stollery	104	100	86	160	182	...	114

Notes.

Mr. Wm. Lynch does not seem to mind if the thermometer lingers in the 90's as the writer found him practicing baseball for the game which is to take place next Sunday at Reinberg Bros.

Mr. G. H. Pieser, bookkeeper for Kennicott Bros. Co., has gone on a week's fishing trip in Michigan.

Miss Wilson was missed from behind the desk at A. G. Prince's. She also is away on a vacation.

Mr. Axtel, who has a sweet pea farm at Evanston, and who has a counter in the store of V. McK. & W., disposed of 36,000 sweet peas on Tuesday of this week.

Dr. A. L. Wheeler, of the Wheeler Floral Co., Mason City, Ia., called on his way home from Toronto, where he attended the eleventh annual convention of the International Association of Railway Surgeons. He reports a splendid time calling upon the florists in Toronto, Milwaukee and Chicago and finding them all resting after a good spring trade and ready to take the trip to Omaha next month.

Recent visitors: T. M. Gibberson, Cedar Rapids, Ia.; A. E. Crooks, Benton Harbor, Mich.

Quite a few improvements have recently been made in the establishment of Mr. E. C. Amling, a new ice box adding much to the usual neat and up-to-date appearance of the place.

ST. PAUL.

The Market.

Summer dullness prevails in every quarter and trade is consequently very light.

Roses are very scarce and hard to obtain. Kaiserin, as usual, are very nice. Meteor, Perle and Sunset from new plants, are also of good quality. Beauties are fair and sell readily at retail for $3 to $4 per dozen. Other roses are of such poor quality as to be unsalable.

Carnations are beginning to show the effect of the hot weather, coming in small and faded. In lilies auratum, rubrum and album are in evidence. Longiflorum are not grown here for summer use.

Sweet peas are abundant and cheap and never before has such a bountiful crop been seen. Nasturtiums and corn flowers are also abundant but sell slowly. The main call is for funeral work and this is spasmodic and uncertain. Still it helps to pay expenses.

Growers' Notes.

The growers have been very busy repairing and planting roses and mums. Nearly everything is now planted out, which is earlier we think than we have ever known before.

L. L. May & Co. have done a lot of repairing. The brick wall on one house which began to settle was relaid, the benches and sides of several other houses have been entirely rebuilt, while the entire plant has been thoroughly repainted inside. As fast as the old benches rot out and need repairing they are moved to the centre of the houses, the alleys being left on the side. This prevents the side walls from rotting away so rapidly. With thorough repairing when needed, wooden houses will last as long as brick, though in the end they are undoubtedly more expensive. This firm will plant a house of Jubilee carnations next week. Their field carnations have made an excellent growth.

Chris Bussjaeger has his new houses nearly completed and the benches filled with roses. His entire plant, though small, shows skill and thrift combined. Late to bed and early to rise and work all the time when awake seems to be his motto.

News Items.

Recent visitors were Mr. Roach, representing J. B. Rice & Co.; Mr. Goepinger, representing Andre Leroy & Co.; N. Sluis & Son, of Sluis & Groot, Germany; H. M. Wall, of Brooklyn; L. L. Frazner, of the Brett Lithograph Co., New York, all of whom report good business.

We do not hear of many who contemplate going to the Omaha convention. Brother Shaw's eloquent descriptions are more enticing than an 8-inch mum at Thanksgiving or a vase of long stemmed Beauties at holidays, and as business is and will be slack for several weeks, the boys should hurry up and get in the tail end of the band wagon from Milwaukee, as the poet Laureate Floriate (J. A. S.) suggests.

X. Y. Z.

SLINGERLANDS, N. Y.

Goldring Bros. are making considerable changes in their plant by discontinuing the cultivation of palms and ferns for the trade and devoting the houses to roses and carnations, which are already grown extensively, but not in sufficient quantity to meet the home demand, so that now the idea is to grow continuous crops, which, with with their extensive range of glass, it is easy to do, as Fred Goldring remarked that it brought some return right along, instead of having to wait months before getting anything from the houses.

I notice Perle does well planted on side benches of the Beauty houses, of which there are four. Separate houses are grown of Bride and Bridesmaid. Kaiserin is a most popular rose and maintains the splendid reputation it has secured for itself both as a summer and an all season rose. The shaded ends of the houses are partitioned off and used for ferns such as adiantums for cutting, also for eucharis, of which there are several beds which have produced four crops during the year, each crop coming in at the festive seasons.

At time of my visit a heavy crop of weeds was being lifted from the violet beds. The plants were completely hidden, and I thought should have been weeded earlier, but Fred says he believes it has benefited the young plants in affording them shading. I am inclined to take as gospel anything he tells me regarding the cultivation of this chaste flower when he can show by actual figures a record of over 200,000 blooms picked during this season just closed from four houses, each 100 feet long, with two beds in each house, each bed 4 feet wide.

Jupiter Pluvius was very generous early in the season. A visit from him would be appreciated now, as ground is very dry and stock planted out needs rain, yet violets, carnations and asters are thriving; stocky stuff. In asters, Queen of the Market and Vick's Branching are earliest, whilst Semple's are best for second cutting. Among carnations I noted a red Scott, the variety named Saratoga and a white seedling particularly good.

A desideratum is the hardy sweet pea Lathyrus alba, in that it is at its best early and late. The heat affects it, but it comes up nobly in the fall. The spike is large and pure white, with some fragrance. It is propagated best from cuttings. Almost an acre of sweet peas is grown from seed for retail trade. Extra Early Blanche Ferry commenced to bloom when 6 inches tall and Blanche Ferry ordinary stock is unequaled by any other variety for attractiveness. Countess of Radnor is a grand lavender and sells at sight. Emily Henderson, white, and Firefly, scarlet, are the leaders. Of course there are a host of others, which are first class for a collection. A fine companion to the Lathyrus is the hardy white phlox, Pearl, very free and fragrant, and white flowers are always useful. Cosmos Dawn is keeping up its good name.

One large house is devoted entirely to boarders, and as pretty a lot of Kentias are growing in another house as one could wish to see.

W. M.

OGDENSBURG, N. Y.

When at Mrs. Thos. Lawrence's recently I could not help admiring the capital arrangement she has for heating, and with thermostat accompaniment. To me it seemed rather superfluous, but was informed that the thermometer went down to 40 degrees below, with a strong westerly wind blowing, once or twice last winter, and no trouble was experienced. One would hardly think this possible, visiting at this season, when everything around this well kept place is full of life, grand plants of Clematis Jackmannii, ten years old, a mass of bloom. In addition to the range of glass which will be added to during the summer, there are about six acres devoted to trees and small fruits.

Mrs. Lawrence is ably assisted in the business by her son. She sends out quite an attractive catalogue for amateurs.

W. M.

WASHINGTON.

The growers are becoming seriously alarmed about their carnation crops, as the high temperatures continue without accompanying showers to moisten the much parched earth.

Mr. Wm. R. Smith, superintendent of th Botanical Gardens, has been seriously ill with hemorrhages, but is reported as improving.

Mr. J. L. Loose and wife sailed last week for Antwerp, the trip to be one of business and pleasure. Before sailing he closed one of his stores for the summer.

Several stores have followed suit and have closed for the summer season.

W. H. K.

CUCUMBERS.

Your worthy correspondent, Wm. Scott, in his article on cucumbers, is under the impression that the cucumber must be fertilized. If W. S. wanted to grow them for seed then by all means fertilize, but if to cut them for market then don't fertilize; he will then get a far greater percentage in a given time than otherwise, as the seed forming in the cucumber draws the vitality of the plant; by not fertilizing you get a good straight cucumber; it also sells and eats much better than one with the seed in.

H. SWIFT.

Though I am not a professor I agree with Mr. Fancourt that the hours spent in fertilizing the flowers could have been utilized to better advantage. Cucumbers not fertilized make much more even and uniform fruits and will not have the big swelling at the end. If Mr. Scott intends to grow cucumbers again I would advise him to spend a few minutes twice a week in picking off the male flowers from the vines. This will prevent fertilization and will much improve the quality of the fruit.

This is not theory, but a conclusion reached from personal experience in one of the largest fruit growing establishments in England. Here we were ordered to keep all male flowers off the vines except in one house, where fertilizing was done to secure seed, and these seed bearing fruits of the Telegraph had the same shape as those seen in the picture of Mr. Scott's vines.

GUNNAR TEILMANN.

Marion, Ind.

DETROIT, MICH.

Mr. Stephen Taplin was the only florist who suffered loss from the hailstorm July 3. The storm struck his place with full force, some of the houses on the side facing the storm having nearly all the glass broken, while the loss on others was from one-third to two-thirds. Factories, stores and private houses lost heavily in broken skylights and windows, but no other florists happened to be in the path of the storm. Many shrubs and young trees suffered badly.

BURLINGTON, VT.

John Wilson is busy putting in new benches and planting, so as to be finished by convention time. He, with others, is waiting for the announcement of a cheap rate. Let it come along.

WASHINGTON, D. C.—Mr. and Mrs. J. Louis Loose sailed on the American line steamer Kensington July 13 for an European tour. They will return in September.

A CHANCE for the young men in the trade. See our prize competition on another page.

Pansy Plants NOW READY

30,000 Nice Seedling Pansy Plants now ready from 1898 seed, for November and later blooming, 50c per 100; $2.50 per 500; $4.00 per 1000. Samples free. Mitting's Giant Flowering Pansy Seed, trade pkt., 50c; 1 oz., $4.00. This seed will raise 50,000 plants to the pound.

The MORRIS FLORAL CO., Morris, Ill.

Mention The Review when you write.

25,000 SMILAX.

Extra Strong Plants, out of 2-in. pots, ready for immediate planting, at the lowest price ever yet quoted—$4.00 per 100, $35.00 per 1,000. Cash with order. Bear in mind this is strictly first-class stock and there is a large saving in freight buying out of 2-in. pots. First come, first served.

SOUTH SIDE FLORAL CO., SPRINGFIELD, ILL.

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20,000 Primroses, 2-in. pots. $2.00 per 100.

Smilax.

10,000 Smilax, 2-in. pots, strong. $5.00 per 1,000, 75c per 100.

Cineraria Grandiflora, August. $2.00 per 100

JOS. H. CUNNINGHAM, DELAWARE, O.

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...Special Offer...

SMILAX	$2.00 per 100
PYRETHRUM AUREUM	2.00 "
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CORDYLINE SUPERBIENS	3.50 "

All strong plants from 2½-in. pots.

Send 10 cents for samples to

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For Fall '98 and Spring '99 Delivery.

A SPLENDID ASSORTMENT OF

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Clematis, Ornamental Shrubs and Trees, Pæonias, Herbaceous Plants, Small Fruits, Fruit Trees. Price List ready in July. Special quotations gladly submitted by letter.

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LOOK HERE

Bride and Bridesmaid Roses, January struck cuttings, out of 2-in. pots, $3.00 per 100; $25.00 per 1,00, made out of strong 3 and 4-eyed cuttings.

Adiantum Cuneatum, strong, 3-inch, $7.00 per 100. Strong 2½-inch, $4.00 per 100, in fine growing condition. **All in A1 condition.**

TERMS, CASH OR C. O. D.

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Have you heard of Cypress Greenhouse Material that has not been satisfactory? If you have it does not follow that Cypress is not the best lumber to use. There is White Cypress, Yellow Cypress and Red Cypress; there is Cypress that grows on the high lands and Cypress that grows in the swamps.

All of these different kinds are not suitable for greenhouse purposes. Do you know which kind is best and do you know that kind when you see it? If not you would better buy from those that do know and will deliver exactly what they sell. We introduced Cypress for greenhouse construction and pushed it to the front. We know all about it. For fifteen years we have made a specialty of furnishing it, and during this time we have built up a reputation that we can not afford to jeopardize. We send out the best only.

Write for Circulars or Estimates.

Lockland Lumber Co.

LOCKLAND, OHIO.

THE PAINESVILLE NURSERIES

Centrally located between the East and West, offer unparalleled inducements to the trade in each direction, having one of the most complete Nursery and Florists' stocks in the country. No better type of . . . . . .

LOW DOWN BUDDED ROSES

grown, a block of a quarter of a million, besides a fine lot of one and two year on own roots, all in nursery rows and about a million ever-blooming under glass. General line of Ornamental Trees and Shrubs, unexcelled in quality and quantity. Correspondence and personal inspection solicited. . . . . .

Catalogue and Price List Free.

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Subscribers who are large buyers of trade supplies and who would like a larger interest than the one provided in our subscription offer are requested to correspond with us.

FLORISTS' PUBLISHING CO.,
530-535 Caxton Building, Chicago.

Flowering Begonias

Following sorts: Rubra, Metallica, A. Guttata, Thurstoni, Weltsteini, Pres. Carnot, Diadema, **$3.00** per 100.

Otaheite Orange, 2½-in., $3.00 per 100.
Umbrella Plant, 2½-in., $4.00 per 100.
Matrimony Vine, (Hardy) 2½-in., $3.00 per 100.

JOHN A DOYLE, Springfield, Ohio.

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"We Kill Weeds Scientifically" How?

ADDRESS THE

FAIRMOUNT CHEMICAL LABORATORY,

N. W. Corner Broad Street and Fairmount Avenue, PHILADELPHIA, PA.

Mention The Review when you write.

SYRACUSE, N. Y.

Columbia is doing well as we all know, so is the seedling carnation Columbia at L. E. Marquisee's. It is unfortunate this name has been already bestowed by another upon a worthless variety so that when introduced next season this desideratum must possess another name it is to be hoped as equally renowned. The plants are highly promising and from close observation I feel assured we can look for a real good thing in this pink. Considerable attention is being paid to this and to one other seedling, as Mr. Marquisee, growing largely for the retail trade, realizes the importance of a good all round carnation.

I noted some well grown chrysanthemums, both on bench and in pots, specimens for the fall show. Harry Bellamy, in his Cuban pungee, is watching the roses closely. 'Tis too bad the buds must be cut so early. It is certainly detrimental to the plant, but roses are roses just now. W. M.

WANT ADVERTISEMENTS.

TO RENT—Ten greenhouses for cut-flower growing, within 12 miles of Chicago. Glass in good condition. For further information address Rex, care of Florists' Review.

SITUATION WANTED—By practical florist. German, age 27. 12 years' experience in palms, ferns, pot plants in general. Good references. State terms. Address L. K, Florists' Review.

WANTED—Single man of good steady habits, who understands rose and carnation growing, also to assist at other work sometimes. For further particulars address F, care of Florists' Review.

SITUATION WANTED—By a first class grower of roses, carnations and 'mums and general stock, can give reference from three of the largest growers in Pennsylvania. Ten years' experience. Address J. R., care of Red Rock Rosary, Foster Brook P. O., McKean Co., Penn.

FOR RENT—First-class city greenhouses, in city of over 20,000, in Illinois. A.B., care Florists' Review.

FOR SALE—First class florists' store in Chicago. Excellent trade, established fifteen years. Owner desires to devote his whole time to other business. An unusual opportunity. Address Max, care of Florists' Review

WANTED Position as foreman in first class establishment by one who learned thoroughly in England the trade of gardening, and has followed the florist business for ten years in this country. Will take nothing but first class place and will start at $60 00 a month, with chance of raise after showing ability. Good references. Address Hemb, care Florists' Review.

POSITION WANTED—By married man, no children, as gardener or assistant, good grower of roses, violets, carnations, 'mums, palms and stove plants. German, age 26. Can give good references. Private or commercial. Aug. H. Jackman, 427 Lunt Av., Chicago.

FOR SALE—Four greenhouses, nearly new. Good retail stand, in residence district, on paved street leading to cemetery. Must retire on account of health. A. Claus, 501 N. 4th St., Springfield, Ill.

SITUATION WANTED—By expert grower of plants and cut flowers. Competent in every department. Seeks a situation where he may have a chance to make his services worth more than in his present place. Can surely advance his employer's interests if given suitable opportunity. Address S. D., care Florists' Review, Chicago.

FOR SALE. On Long Island. Good business in a thriving town: Dwelling (including store) and four large Greenhouses; centrally located.
Address Bargain, care Florists' Review.
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$50.00 in Prizes!

The Florists' Review offers the above amount for a description of some really valuable and practical labor or money-saving unpatented device or method of culture of benefit to florists, that has not yet been published. If a drawing is needed to make the matter plain, it may be of the roughest character.

The awards will be made entirely on the practical value of the device or method, though a well worded description and intelligible drawing will be desirable.

First Prize, $25.00
Second Prize, $15.00
Third Prize, $10.00

If you know of some useful labor or money-saving device or method of culture of which a description has not yet been published, you can easily win one of these prizes, and if you know several such you may be able to win them all.

Make your descriptions as brief as is consistent with clearness. Remember that simple devices are more generally useful than elaborate ones. What are wanted are those that will prove most valuable to the great mass of the readers of the Florists' Review. Competition open to all.

The prize-winning descriptions (and drawings, if any), will be published in the Florists' Review. And should others seem worthy of publication they will also be given space as opportunity offers.

Address

Editor Florists' Review,
520-535 Caxton Bldg., CHICAGO.

For Sale. FLORIST'S PLACE, Three Houses, 3,750 ft. of glass, city water, heated by hot water and near court house in center of city; doing a good business. It will stand investigation. Who wants it? Immediate possession given.
Address H D. C., care Florists' Review.
Mention The Review when you write.

..FOR SALE.. Six greenhouses (6000 feet of glass), all in good condition; all modern improvements; located in one of the principal cities of Southern Wisconsin, with 20,000 population; but little competition. Will rent to responsible party. Address
WISCONSIN, care Florists' Review
Mention Florists' Review when you write.

MENAND STATION,
Albany, July 7, 1898.

Having come to the: *Heroic!! determination* (for me) to sell all my stock of *old relics, in the line* of plants——which I have coaxed for upwards of 60 years. I send this *information,* that, besides the stock *of all* I have, I have perhaps a dozen or more of valuable plants, "*3 unique*": A "*Cycas revoluta*" *8 feet high,* with the tub and stem almost a yard in circumference, *a splendid plant.*

One *Zamia* or *Ceratozamia "Lehmaniana glauca"* with a bulbous stem of 4 feet in circumference and 2 feet high——with perhaps 100 leaves, 4 feet long or about, *as fresh looking* as the *Celestial deva!* as I suppose it is in the ethereal regions! Whither we may go sooner or later .... Giving the whole plant a diameter of 9 feet, *a vegetable monument* in a greenhouse!!

Also a *Banksia serratifolia,* a new Holland plant, very rare, nearly in bloom with *12 inflorescence* 7 or 8 inches long, 4 inches diameter, a *curiosity!!* and *lasting long*; the plant is 6 or 7 feet high, and 18 inches circumference at the base.

L. MENAND,
ALBANY, N. Y.

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Roses and.... Chrysanthemums

STOCK THAT WILL GIVE YOU SATISFACTION.

Brides, Maids, Meteors, 3-in., $5.00 per 100; $45.00 per 1000. 4-in., $6.50 per 100.
Beauties, 3-in., $4.00 per 100; $35.00 per 1000.
Beauties, 4-in., $7.50 per 100.
Chrysanthemums—2½-in. stock, single. Lady Fitzwigram, Glory de Pacific, Bergmann, Robinson, Bonnaffon, Modesto, Perrin, Viviand-Morel, Maud Dean, Maud Adams, Emil and Gretchen Buettner, Yellow Jones, D. Spaulding, Lottie Berry, Marion Henderson, Crawford, Snowball, Defender, Mayflower, Thanksgiving, Whithers, Morton, Irene Woodford, Murdock, Golden Trophy, M. M. Johnson, Sunderbruch, Merry Monarch, Marquis de Mortmont, at **$3.00** per 100.
No more Rooted Cuttings.

POEHLMANN BROS.
MORTON GROVE, COOK COUNTY, ILL.

Mention The Review when you write.

Notice of Dissolution of Partnership.

Notice is hereby given that the partnership heretofore existing between the undersigned, under the name of E. Hall & Son, in the greenhouse business is by mutual agreement dissolved, and the undersigned W. E. Hall will continue the business, having purchased the interest of E. Hall in the same. All persons indebted to said firm will make settlement with W. E. Hall who is the owner of all outstanding accounts.

Dated at Clyde, Ohio, July 11, 1898. E. HALL, W. E. HALL.

-WANTED-

TO BUY TWO OLEANDERS,

in tubs or boxes. One the double red and the other the double white. Must be in good shape and blooming size.

Address Oleander, Florists' Review.

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All the Standard Sorts

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J. M. THORBURN & CO.

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REMOVED TO 36 CORTLANDT STREET, NEW YORK.

FRESH SEEDS Areca Lutescens, $5.00 per 1000.
Seaforthia Elegans, 3.00 "

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Largest Growers of Palms, Orchids, Stove and Greenhouse Plants, Ferns, Araucarias, Pandanus.

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CHRYSANTHEMUMS!

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$5 per 100; $40 per 1000; 25 at 100 rate.
Send for list of other new and standard varieties.

H. WEBER & SONS, -- OAKLAND, MD.

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Always mention the Florists' Review when writing advertisers.

SARATOGA, N. Y.

There's nothing slow about T. J. Totten, who comes forward with a cordial invitation to hold our annual convention in his charming city in '99. He guarantees entertainment. The charms and attractions of this delightful place are so well known that an attempt to describe them here is superfluous on my part. There is ample accommodation for guests and conveniences for holding the convention.

I will personally vouch for the worthy gentleman's sincerity and am convinced that no one would ever regret making the trip to this veritable Arcadia, so let it be Ho! for Saratoga in '99, with its salubrious air, mineral springs, lovely drives, grand fishing and moderate rates. W. MOTT.

ELGIN, ILL.

ELGIN, Ill., July 14.—Judgments aggregating about $1,000 were today entered against John D. Busch, a florist, in favor of the Home National bank, Ziegler Bros., and C. H. Geister. Busch a few days ago purchased the Elgin Ricker nurseries, to the surprise of his creditors. The nurseries are in Kane county, but Busch's greenhouse is in Cook county. A Cook county deputy sheriff is in possession of the property in that county; the nurseries in Kane county in the custody of an Elgin constable.—Chicago Inter Ocean, July 15.

SAGINAW, MICH.—The palm swindle was worked here last week on a local florist. The palms were ordered sent to the home of a well known minister, where the residents were made to believe they were accommodating the florist by allowing the plants to be left there temporarily. They were afterward sold at low figures by the sharpers, who escaped.

...LOUISVILLE...
Florists' Supply and Exchange
Wholesale Florists and dealers in Florists' Supplies
Special facilities for shipping south. Unequaled returns for good stock. Open night and day.
520 W. Jefferson St., Louisville, Ky.
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EXCLUSIVE IMPORTERS AND MANUFACTURERS .....OF
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Complete and practical for customers use. 96 arrangements, illustrated and priced. Priced Lists on application.
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WHOLESALE CUT FLOWERS AND FLORISTS' SUPPLIES.
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Carnations, Violets and Valley, Specialties. Full Line of Wire Work.
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Wholesale Growers of and Dealers in CUT FLOWERS
Greenhouses at Hinsdale, Ill.

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Wholesale Cut Flowers
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W. E. LYNCH,
...Wholesale Florist...
The right kind of stock, packed in the right way, delivered at the right time, and at the right prices
19-21 Randolph St., CHICAGO.

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Telephone 1496
Wholesale Florist
4 Washington St., Chicago.
In our new and enlarged quarters we are better prepared than ever to handle your orders.

Full Line of Wire Designs and Florists' Supplies
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Successor to Winter & Glover
Write for Illustrated Catalogue.
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Properly Packed and Promptly Forwarded.

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Wholesale Grower of and Dealer in Cut Flowers,
WE ARE HERE FOR BUSINESS. GIVE US A TRIAL ORDER.
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WIETOR BROS.
SUCCESSORS TO Rogers Park Floral Co.
WHOLESALE GROWERS OF Cut Flowers
All telegraph and telephone orders given prompt attention.
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Wholesale Florists,
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Wholesale Florist
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ST. LOUIS, MO.....
FINE ROSES—Shipped Carefully to all Parts of the Country.
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E. H. MICHEL
1620 Olive St., St. Louis, Mo.
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600,000 FEET OF GLASS.

WHOLESALE GROWERS OF CUT FLOWERS.

We can fill all orders on short notice with all leading varieties of Roses and Carnations. We are headquarters for fine AMERICAN BEAUTIES. Give us a trial and convince yourself.

Write for Prices on ROSE PLANTS. 51 WABASH AVENUE, CHICAGO.

ROSE PLANTS.

As good as can be grown. We have the following Rose Plants, the same as we have planted in our own houses, still on hand for sale. We guarantee them to be first class in every respect.

3,000 American Beauties, 2-inch.
2,000 Bridesmaids, 2-inch.
800 Meteors, 2-inch.
500 Brides, 2½-inch.

Address FIRST COME, FIRST SERVED.

BASSETT & WASHBURN, Hinsdale, Ill.

Lilium Harrisii.

5 x 7, $37.50 per 1,000, $4.00 per 100. 7 x 9, $75.00 per 1,000, $8.00 per 100.
Terms 90 days to customers of approved credit; otherwise, cash with order.
Prices on all other Bulbs and Roots cheerfully given.

F. W. O. SCHMITZ, - - JERSEY CITY, N. J.

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IS REACHED DIRECT BY THE MISSOURI PACIFIC RAILWAY

If you are going to attend (and it will be what you can ill afford to miss), you will find this the best line to take.

WE OFFER SUPERIOR EQUIPMENT, PULLMAN BUFFET SLEEPING CARS, RECLINING CHAIR CARS (SEATS FREE) AND THE

ONLY LINE DIRECT TO THE GROUNDS.

SEE Agent for further particulars.

C. G. WARNER, Vice-President, W. B. DODDRIDGE, General Manager, H. C. TOWNSEND, Gen'l Pass'r and Ticket Agent, ST. LOUIS, MO.

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The Florists' Manual... By WM. SCOTT

It will tell you just what you want to know in just the way you want to be told. It will cover the whole field of Commercial Floriculture, the articles arranged alphabetically, so that reference may be quick and easy. It will be a whole library in itself .....

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SEND IN YOUR ORDER NOW

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Boston Ferns..

N. Exaltata Bostoniensis, $5.00 to $25.00 per 100, out of bench. Large size. Prices on application.

I have a fine lot of $6.00, $8.00 and $10.00 per 100 sizes which will make fine plants in the fall if planted at once.

CASH WITH ORDERS FROM ALL UNKNOWN PARTIES.

WM. A. BOCK, North Cambridge, Mass.

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Forcing Roses!

	2½-inch Per 100	3½-inch Per 100
BRIDE	$2.50	$4.00
BRIDESMAID	2.50	4.00
METEOR	2.50	4.00

White, Pink and Yellow RAMBLERS, CLIMBING WHITE PET, CLIMBING WOOTTON, same price.

Good selection ROSES, from 3½-in. pots, $35.00 per 1000.

Good selection 2-year old ROSES, $5.00 a 100.

MOONVINES, $2.00 per 100.

ALTERNANTHERA, $18.00 per 1000.

THE NATIONAL PLANT CO.
DAYTON, OHIO.

Mention Florists' Review when you write.

Tobacco Stems, 100 lbs., $1.00. Full Bales (about 225 lbs.) 75c per 100 lbs.

Bone Meal, (absolutely pure) per 200-lb. bags, $3.50; per ton, $27.50.

Cane Stakes, (extra long) $4.00 per 1000. 3000 for $11.00.

W. W. BARNARD & CO.,
161-163 E. Kinzie Street, CHICAGO.

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NEW AND SECOND-HAND MATERIAL

purchased from Sheriff, Receiver, and Assignee sales at less than one-half prices. Pipe and Fittings, Hose, Florists' Wire, Hot Water Heaters, Greenhouse Boilers and Engines, Rope, Light Wrought Iron Pipe, Glass Sash, and thousands of other articles, for sale by

CHICAGO HOUSE WRECKING CO.

Largest Mail Order Depot for New and Second-Hand Material in the World.

W. 35TH & IRON STS., CHICAGO.

Write for our free illustrated catalogues.

Mention Florists' Review when you write.

Always Mention the.... Florists' Review When Writing Advertisers.

MONTREAL, QUEBEC.

S. S. Bain, with family, left recently on an extended tour of Europe. He expects to find many changes since his last trip several years since, and will no doubt give the society the benefit of his observations.

Miss Murray, the clever manager of J. S. Murray's store, is on a vacation to the Adirondacks. Mr. Murray, a hale and hearty veteran, thinks that if he took a vacation, which he has not done for years, those splendid honeysuckles would stop blooming. The variety Scarlet Trumpet does better here than anywhere else I have seen it.

Joseph Bennett is rusticating at Lachine, putting in new benches and planting mums, of which he has a fine lot. roses in solid beds, and praying the eel worm will leave him alone this season even if it must visit his competitors. We would like to send him some good American stock, but as the legislators have concluded that the San Jose scale is on roots only, they allow cut flowers in, but not the plant. Asters are coming in very good.

J. McKenna & Son are sending in some capital stock of Semple's strain. They report a good spring business, finished up beyond expectations.

I expected to find B. T. Graves in California. He is undecided now as to Cuba or the Philippines. Come out to Omaha in August, one and all, and we will discuss there the burning questions of the hour.

Wilshire Bros. notice an improvement in business since moving to their new store at corner of Sherbrooke and Bleury streets.

Walt Wilshire grows considerably for local trade in addition to supplying his down-town store.

The annual picnic takes place on the 20th inst. when the jolly gardeners with their wives and sweethearts hie themselves down the majestic St. Lawrence to a place called Eriu-go-Bragh, which, interpreted, means that you go there for a good time. They will have it, and I regret my inability to take part in the jollifications. W. M.

HUNT'S REVIEW OF THE CHICAGO MARKET.

The market remains stagnant and emphasized by so little stock coming in. Daily receipts are at low water mark, but stock nearly played out and the young stock bearing very light.

The demand seems to be increasing, mostly for white stock for funeral work, and if first class stock was reaching this market the showing would be much better. Outside carnations are on the market, but the short stems present their being moved at even four figures. Some of the inside grown are holding up better than any other color.

Smilax and sweet peas remain glutted and only a rumous price will cause a demand.

Chicago, July 15, '98.

RIVERTON, N. J.—Mr. Jacob D. Eisele sailed per steamship Bremen on the 14th inst. on a combined business and pleasure trip. His family accompany him. They will make a tour of Northern Europe and expect to return early in September.

SAMUEL S. PENNOCK,
Wholesale Florist,
LONG DISTANCE TELEPHONE
1612-14-16 Ludlow Street, ...PHILADELPHIA, PA.
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ROSES- American Beauty, Bride, Bridesmaid, Perle, La France, Testout, Morgan, Niphetos Kaiserin, 3 and 4-inch. ASPARAGUS PLUMOSUS, all sizes
MARIE LOUISE VIOLETS, strong plants, well rooted.
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Standard Varieties, $2.50 per 100.
A list of varieties furnished on application. Per 100
Cyperus Alternifolius, 2½-in. pots .. $2.50
Cyclamen, white, pink, red and white crimson, ready 2½-in. pots .. 5.00
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Geraniums, fine plants, 2½-in. pots, new and standard sorts, varieties on application 2.50
Asparagus Plumosa Nana, 3-in. pots .. 5.00
" Sprengeri, 2½-in. pots .. 6.00
" Tenuissimus, 4-in. pots .. 10.00
Vinca Maj. Var., 3-in. pots .. 4.00
Smilax, 2½-in. pots .. 2.50
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Fine Mixed	$1.00	$0.25	$0.10
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Unrivalled Mixed, by long odds the best strain in the market	8.00	1.00	.25
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ALSO ALL THE NAMED VARIETIES.

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Single, white	50c
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CINERARIA Hybrida Grandiflora, large flowering, finest mixed	50c
Our Cineraria seed is known among those who grow the finest plants	
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We have a special fine strain to offer	
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Brides. Bridesmaid. Perles.
La France. Testout. Siebrecht.

FINE HEALTHY STOCK.

4-in. pots, $5.00 per 100. 2½-in. pots, $2.50 per 100.

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OMAHA, NEB.

The regular monthly meeting of the Omaha Florists' Club was held on Thursday evening. Subscriptions for convention purposes were made, committees appointed and a special meeting called for Wednesday next, when final arrangements will be completed.

Mr. S. B. Stewart had a narrow escape last week while avoiding a collision, by jumping from the train while it was in motion. He made a flying leap that indicates first prize in the jumping contest in August.

A. Donaghue, Jr., has just given the florists opportunity to call his father grandpa. It is a beautiful baby girl.

W. Attlee Burpee & Co., of Philadelphia, are represented in Omaha at the Exposition by B. F. Bell, of Waterloo, Neb. Their second exhibit of sweet peas is now on the table and consists of 52 of the choicest varieties grown. The plants were grown in J. C. Robinson's gardens at Waterloo for Mr. Burpee and do both the grower and the seedsman very great credit. They are a centre of attraction.

For the comfort of mind of Bro. Beneke and the St. Louis hustlers be it known that the Omaha Bowling Club has also commenced to roll on some "hard alleys" and their first experience took quite a slice of conceit out of their watermelon! Just to show you what a "strange land" will do, behold!

				Av.
Henderson	167	136	122	142
Hadkinson	127	146	129	134
Donaghue, Sr.	131	102	167	133
Swoboda	150	103	145	132½
Chapin	126	123	146	132
Wilcox	136	127	130	131
Shaw	171	111	97	126
Davey	104	146	113	121
Donaghue, Jr.	115	127	108	117
Zimmer	113	106	106	108
Paulson	98	102	...	100

Perhaps the fact that they were rolling the first of 15 games for a gold-headed cane had something to do with their nervousness!

EVERY ONE in the trade has a chance to earn one or more of the liberal prizes offered elsewhere in this issue of The Florists' Review.

SEND IN your order now for a copy of The Florists' Manual, by William Scott. It will cover the whole field of commercial floriculture and will be the standard work of reference for the trade. Price $5.00.

BUY YOUR supplies from the advertisers in The Florists' Review, and thereby increase the earnings of your certificate.

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200 Kaiserin, 3-in. pots, $7.00 per 100; 1,200 Bridesmaids, 4-in. pots, $9.00 per 100; 800 Brides, 4-in. pots, $9.00 per 100. All are A1, fine, healthy stock. Cash with order. 500 in one order of Maids and Brides at $8.00 per 100. Also a fine stock of fine Begonia Rex, best varieties, at low prices. **WM. F. KASTING,** Wholesale Florist, 495 Washington St., BUFFALO, N. Y.

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can be prevented by immersing the bulbs for two hours in a half solution of.....

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This has been conclusively proven by experiments at Lincoln Park, Chicago. The Tonic also kills **Hard Shelled Scale, Mealy Bug,** and other insect pests without injury to the plant. A trial of a 25-cent bottle will convince you that a really remarkable insecticide has been discovered. Send for circular.

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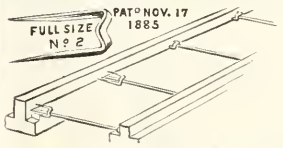

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Very truly yours,
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Yours truly, E. ASMUS.

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THERON PARKER, Mgr., Inventor and Patentee,
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WANTED 500 Maids, 600 Brides, 200 Perles, 200 Beauties, 200 Meteor, 200 Belle Siebrecht, 2½-inch pots.

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It will cover the whole field of Commercial Floriculture, the articles arranged alphabetically, so that reference may be quick and easy.
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13 to 15, per 100, 2.50; per 1000, 21.50

Freesia Refracta Alba, 3-8 to 1-2 inch, per 100, 50c; per 1000, $3.75
1-2 to 3-4 inch, per 100, 75c; per 1000, 5.00

Bermuda Buttercup Oxalis, per 100, $1.00; per 1000, $8.00

These prices include delivery.

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KENTIA PALM SEED FRESH FROM AUSTRALIA in September.

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SOUV. du PRESIDENT CARNOT, from 3-in. pots, $10.00 per 100.

Kaiserin, Souv. de Wootton, Meteur, Duchess of Albany, La France, Sunset. Price from 3-in. pots, $8.00 per 100; $70.00 per 1000.

Bridesmaid, Bride, Perle, Mermet, Watteville, Niphetos. Price from 3-in. pots, $7.00 per 100; $60.00 per 1000.

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Golden Trophy, Ada Spaulding, Dorothy Toler, Gloire of Pacific, Helen Bloodgood, W. H. Rieman, Indiana, J. E. Lager, J. H. Troy, Laredo, Lady Playfair, Mme. Fred. Bergmann, Mrs. Jerome Jones, Mrs. McK. Twombly, Minerva, Miss Georgiana Pitcher, Mutual Friend, Modesto, M. B. Spaulding, Miss M. M. Johnson, Maud Dean, Nemesis, Niveus, Pink Ivory, Potter Palmer, Viviand-Morel, Cullingfordii, Gladys Spaulding, Harry May, Ivory, Merry Monarch, Marion Henderson, Mrs. S. Humphreys, Marguerite Graham, Miss May Wheeler, Mrs. J. G. Whildin, Mrs. H. Robinson, Nellie Fenton, Oakland, Olympus, Thos. H. Brown, W. H. Lincoln.

From 2¼-in. pots, fine plants, $3.00 per 100.
From 3-in. pots, strong plants, $4.00 per 100.
Special rate for large quantity.

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2500 Bridesmaids, 3-in. pots, $5.00 per 100.
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Perfectly healthy and first-class in every respect; especially grown for my own planting.

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Sago Palms—Fine stock, good leaves, $3, $4, $5 and $6 per dozen and upwards. This is the best money-making palm in the market.
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All the above stock must be sold at once on account of removal.

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10,000 Latania Borbonica 3-in. pots, showing two character leaves. Fine stock ready for 5-in. pots. $9 per 100; $80 per 1000.

5,000 Latania Borbonica 4-in. pots, with two good full leaves. Strong plants ready for 6-in. pots. $12.50 per 100; $110 per 1000.

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40,000 FIRST QUALITY FORCING ROSES. READY FOR IMMEDIATE PLANTING.

Fully equal to those sent out the last six years, first class and perfectly healthy in every respect. Only selected growth from flowering shoots used in propagating.

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3-inch pots, $8.00 per 100; 4-inch pots, $12.00 per 100.

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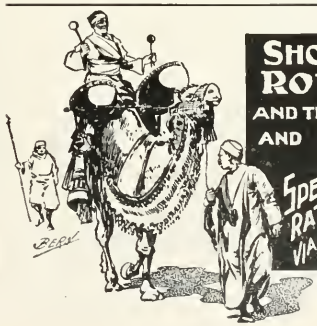
3-inch pots, $7.00 per 100; 4 inch pots, $10.00 per 100.

J. L. DILLON, BLOOMSBURG, PA.



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THE SAN JOSE SCALE.

In the July issue of The Forum, Prof. L. O. Howard, Government Entomologist at Washington, gives a review of the progress in the dissemination of the San Jose scale, in the United States and the legislation of various foreign governments to prevent the importation of the pest. The action of Germany in prohibiting the admission of American fruits and plants for fear of importing the San Jose scale with them caused quite a diplomatic flurry. The action of the Canadian government was not long ago reported in these columns. Austria-Hungary has issued a prohibitive decree similar to that of Germany, and it is probable that Holland and Sweden will soon take similar action.

Prof. Howard reports that the insect has spread through every one of the Eastern and Middle States during the six years since its introduction from California. It has been the subject of legislation in sixteen states of the Union, and its suppression is the principal object of two bills now before Congress. No really practical and effective means of combatting the pest has yet been discovered, though it has been the subject of much experimental work by the state and national governments. It has not yet been noted on greenhouse plants, but hardy ornamental plants have been attacked, and these have been included with fruit plants in the prohibitive decrees of the various governments.

PITTSBURG.

As a novel idea to be presented to the visiting Knights Templar during their conclave next fall, Supt. George W. Burke, of Highland Park, is preparing to construct a lodge room of flowers. The design will show a fully equipped lodge room with symbolic emblems in flowers on the walls and an altar in the center of the floor. It will be one of the unique displays during the conclave.

YOU CAN EARN $25.00 by a few minutes' work if you know of a really valuable labor-saving device or method of culture, a description of which has not yet been published. See details on another page.

SURPLUS STOCK OF ROSES, CHEAP.
Speak quick if you want them.
700 Beauties, 300 Meteors, 300 Brides in 3-in.
100 Meteors in 4-in., 700 Brides and 700 Bridesmaids in 2½-in. Good Plants.
JOSEPH HEACOCK,
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..FERNS..
In fine assortment, from 2½-in. pots,
$3.00 per 100;
$27.00 per 1000.
CHAS. T. DARLING, Stony Brook, L. I., N.Y.

The EVANS IMPROVED CHALLENGE
Ventilating Apparatus
ROLLER BEARING
NO INVESTMENT A GROWER CAN MAKE WILL PAY LARGER RETURNS THAN GOOD VENTILATING APPARATUS.
OURS IS THE RIGHT KIND

Our Apparatus does the work, and does it easily quickly and perfectly.
Saves labor and expense. Note our Steel Sproket Chain around this ad. Write for illustrated catalogue.
ONCE A CUSTOMER, ALWAYS A CUSTOMER.
QUAKER CITY MACHINE CO., RICHMOND, IND.

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TARRYTOWN-ON-HUDSON, N. Y.
IMPORTERS, GROWERS AND DEALERS IN
CHOICE SEEDS, BULBS AND PLANTS

Here we go
To Clean Out....

10,000 Plants of	Per 100
Geraniums, 2, 2¼ and 3-in. pots..$2.00, $3.00, $4.00	
" Md. Salleroi, 2¼-in. pots	2.00
" Mt. of Snow, 2¼-in. pots	4.00
" Bronze, 2¼-in. pots	3.00
" Mrs. Pollock, 2¼-in. pots	4.00
" Sweet Scented, 3-in. pots	4.00
Abutilon, var. trailing, 2¼-in. pots	4.00
Begonia Rex, 2¼-in. pots	4.00
Coleus, 2-in. pots	2.00
Cobea Scanderis, 3-in. pots	4.00
Heliotrope, 2½ and 3-in. pots	$2.00 3.00
Gymnocarpa, 2¼-in. pots	2.00
Impatiens Sultani, 2½ and 3-in. pots	3.00
Lobelia, dwarf and trailing	2.00
Lemon Verbena, 2¼-in. pots	3.00
Petunias, single fringed	3.00
Pyrethrum, Little Gem	2.00
Salvia, 2½ and 3-in. pots	$2.00 3.00
Snow Crest Daisies	2.00 4.00
Sweet Alyssum, 2¼-in. pots	2.00
Verbena, extra strong, 2¼-in. pots	2.00
Vincas, variegated, 2½-in. pots	2.50
" 3 "	4.00
" 3¾ "	6.00
" 4 "	10.00
" rooted cuttings	1.25
Begonia, Rex, rooted cuttings	2.00
" Vernon, "	1.25

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Save Duty
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PTERIS in 5 different varieties.
2 -inch, $2.00 per 100; $19.00 per 1000
2½-inch, $3.50 per 100; $33 00 per 1000
GRABBA & WAUDREY, Florists,
Mimico, Ontario, Canada.
Mention The Review when you write.

Cineraria AND Calceolaria
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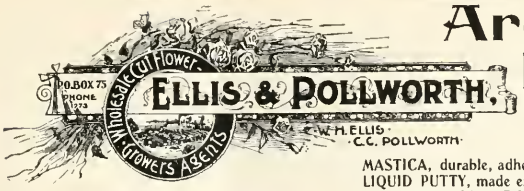

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MADISON, N. J.

Club Notes.

The Morris County Gardeners' and Florists' Society does not adjourn for the summer months and last Wednesday's meeting was as well attended as any winter session and altogether a noteworthy one by reason of the splendid exhibition the members put up in competition in the several classes.

The wild flower class brought out 3 fine exhibits.

E. Regan, of Morris Plains, secured the full award of 15 points with a collection of over 70 named species and varieties. A. Herrington came next with a choice selection of 42 varieties, each represented by a good bunch and all well set up in vases. A. Coren had a smaller but choice lot.

P. Cox made a fine showing in the perennial class, phloxes being particularly fine. He received the full award of 20 points.

W. Duckham brought down a nice collection of sweet peas, and J. Robertson well maintained his prestige in the vegetable class with a grand exhibit of a dozen varieties.

In the absence of Mr. McNulty, who was to have opened a talk on roses, the president called on A. Herrington to open a talk on the exhibits of the evening, and the time was profitably spent talking about and examining the various exhibits. Four new members were proposed and the question of a club outing was discussed, finding hearty endorsement by all present.

A. H.

ALBANY, N. Y.

Mr. Louis Menand, the veteran florist, has decided to dispose of his stock of plants, including a number of pets that he has cared for over 60 years. It will certainly be a most interesting sale. Mr. Menand is the oldest living florist in America. He came here from France when the florist trade in this country was in its very early infancy and has lived to see it grow to its present magnificent proportions. Though over 90 years old he has up to this time maintained an active connection with the business. He is certainly entitled to relief from all care in connection with his plants.

TACOMA, WASH.—McCoy's annual exhibition of sweet peas was given July 13 and 14. Among the special attractions was his new sweet pea "Tacoma."

CLYDE, O.—The firm of E. Hall & Son has been dissolved, Mr. E. Hall retiring. The business will be continued by Mr. W. E. Hall.

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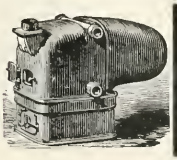

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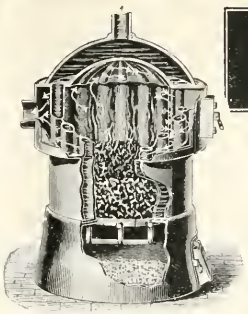

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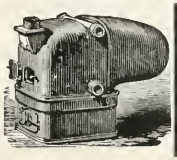

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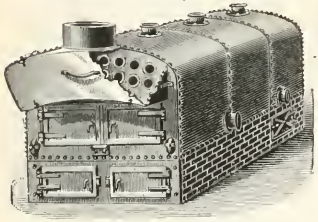

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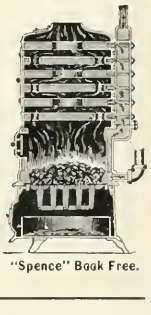

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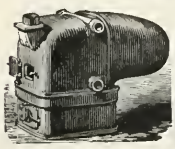

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THE WEEKLY
FLORISTS' REVIEW

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ACANTHOPHOENIX CRINITA.

The subject of our illustration is a remarkably handsome warm house palm that has been in cultivation for the past thirty years, but is still rather an uncommon species. It has much the habit of growth of an areca, the leaves being pinnate, the leaflets long and drooping, and the plant in general very graceful in appearance.

One of the characteristics that distinguish acanthophoenix from areca is very distinct in the species in question, namely, the fact that the former is abundantly supplied with long blackish spines all along the stems, while no true areca bears spines, and in addition to this the under side of the leaves of A. crinita is silvery white. The latter peculiarity doubtless accounted for an erroneous name under which this palm was once introduced, that is, Calamus dealbata. Being a native of Seychelles, and probably of low moist land near the coast of that island, we find that this palm is best suited under stove culture, a night temperature of 70 degrees and plenty of water being among the chief essentials to its welfare, while a rather light and well drained soil seems to give the best results.

Acanthrophoenix Crinita.

In common with palms in general that require warm treatment, there is the ever-present probability of finding some injurious insects on acanthophoenix, the most likely pests being scale and unless well syringed also red spider, but with proper attention these pests may be kept down, and so beautiful a palm is worthy of a little extra attention in the line of cleanliness.

Seeds are the only means of propagation for A. crinita, and as the seeds of this species sometimes take over two years to germinate, it is scarcely probable that this palm will become popular for trade purposes.

W. H. TAPLIN.

ASTILBE THUNBERGII.

We have plenty of early flowering spiraeas, but when July comes upon us most of them are past their best, and then is the time we appreciate the splendid pyramidal branchy panicles of this white astilbe as a cut flower as well as in our borders. They withstand the heat and drought better than any of their relatives and last for a long time in perfection.

The flower stems rise well above the foliage, are about 1½ feet high, and the side branchlets in the panicle stand well out, slightly bent or arched in a downward direction, thus lending a more loose and graceful appearance to the flowers, which are considered by many far superior as a cut flower than the well known A. japonica and its varieties. The foliage is a trifle larger

than in this old variety just mentioned, the edges are more deeply serrated and the growth of the whole plant is stronger and more spreading. Although a later bloomer naturally, it only required very little more time to bring it out in flower during the winter months and when its many superior qualities become better known, I believe we shall see thousands of them forced every winter.

As yet they are not any too plenty, and plants command a rather high price, especially fair-sized clumps, though as they propagate quite fast by division, we may reasonably expect a reduction in prices in the near future. A moist soil is most suitable for them and when we can furnish a position protected from the midday sun they will be just in the right place, and the flowers will continue in perfection for a long time. J. B. KELLER.

AMONG CHICAGO GROWERS.

Philip Broadbeck's.

Philip Broadbeck has the old Sulzer place near Graceland Cemetery. Many of the houses are very old, but he manages to make them produce good stock just the same. His carnations for the coming season will be cut from 3,000 plants of Daybreak and 2,000 of McGowan, and he will try 100 Argyle. In roses he will cut from 2,000 Maids, 1,600 Brides and 1,200 Meteors in addition to a bench of Kaiserins. These Kaiserins occupy a center bench and there are carnations on the side benches. The roses were dried out last winter and carried semi-dormant till March, when he began to water them again and he has cut three crops from the bench. When the roses began to come of fair size he gave the house a rose temperature and he got good flowers, but the carnations didn't do so well then.

He has followed some of his carnations with Meteor roses for summer blooming. The Meteors were plants that had been forced the year before, then pulled out and heeled in outside. They were chopped out of the frozen ground in February, taken inside, potted up, and when some growth had been made they were planted out in beds made where the carnation benches had been. He has had two crops from them and will cut flowers from them until time to bench carnations again. The flowers of the first crop were rather short stemmed, but the plants are now breaking strongly from the bottom.

He carries over most of his roses, replanting only about every third year, and finds he gets better wood and stem from the old plants. Often he replants the old plants, lifting them and placing them in the potting shed until fresh soil can be put into the beds or benches. He uses limewash freely, giving a heavy coat to the bottoms of benches before refilling, and covers all woodwork that can be reached.

He is growing quite a batch of Cyperus alternifolius, for which there seems to be an increasing call.

Chas. Hartwig's.

Of carnations Chas. Hartwig will this season bench 1,500 each of Scott and Uncle John and 1,000 each of Daybreak, Tidal Wave and McGowan. Uncle John is his banner white and it does exceedingly well with him. It is never rusty, and he has never had any trouble with rust on any of his carnations. He once received a batch of young plants of McGowan that were rusty, but they soon grew out of it, and he hasn't seen any rust on the place since. He finds that McGowan does best in a rose-house temperature. He will try a hundred Jubilee and a few hundred Flora Hill.

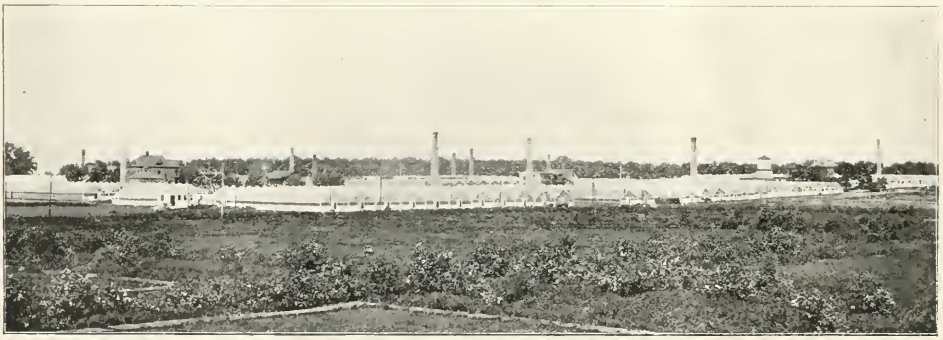
In roses he will grow 3,000 each of Brides and Maids. He thinks that the "clay" used by Mr. Sticlow is really marl, which has of course a decided value as plant food. He uses sod and manure for his roses and has never been able to see any results from the application of bone meal. Out of consideration for the feelings of his neighbors he tried to do away with the use of animal manures, but after some unfortunate experiences had to return to them. As an example of the uncertainties and danger of experimenting with chemicals he relates an experience in the use of carbolic acid for mildew on roses. He found that this acid diluted to the proper degree was a specific for mildew and all went well for a while. Then, when used in the same proportion, it took the foliage off of all the roses treated. He finally located the trouble in the fact that prior to this time the carbolic acid he had bought had been only an 80 per cent solution, while the last lot had been a 95 per cent solution. The honest druggist had worked ruin to his roses, through his honesty. This experience discouraged him from experimenting with chemicals.

He used to grow considerable valley, but does not grow any now. "Lost money on my last valley. No money in bulbs any more." This expresses his feelings in the matter. Still he will this year dally with 2,000 longiflorum lilies.

Anton Then's.

Anton Then's greenhouses in Bowmanville are devoted wholly to the production of flowers and plants to sell at his city store and the stock is quite varied in character.

For early chrysanthemums he has benched about equal numbers of Fitzwigram, Mrs. Geo. S. Kalb, Robinson, Glory of the Pacific and Yellow Queen. Other sorts to be grown this season are Ivory, Mayflower, Wanamaker, Jones, Bonnaffon, Widener, Golden Wedding, Maud Dean, Morel, Perrin and Geo. W. Childs. He will have 3,800 plants altogether. He has dropped Pink Ivory as it wasn't pink



Greenhouses of Reinberg Bros., Summerdale, Chicago.

View in the new range of rose houses of Reinberg Bros., Summerdale, Chicago.

enough and he likes Perrin better. Philadelphia was all right for exhibition, but was not a seller. The petals of Minerva dropped too quickly. Mrs. E. G. Hill was too tall and Dailledouze was too weak in the neck.

He will bench about 16,000 carnations, including 2,000 each of Daybreak, Scott and Tidal Wave, 3,500 McGowan, 1,000 Jubilee, 700 Argyle, 150 White Cloud, and 25 each of Mrs. Bradt, Dazzle, Mary Wood, Gold Nugget, Pingree, Evelina, Empress, Bon Ton, Victor and Mrs. S. A. Northway. He grows Fisher and Scott for summer flowers. His plants in the field are in fine condition.

In roses he grows Meteor, Kaiserin, Bride and Maid. The Meteors he is now drying out preparatory to carrying them over for the third year. In a few weeks he will start them up again. With him the carried over plants produce more and better flowers than young stock. Kaiserin carried over to the second year did finely and he can't see but what he cut as many flowers from them as from the Brides in winter and decidedly more in summer. He rested them a short time in January, and when they were in growth gave them a temperature of 60 to 62 degrees. One end of a house of Meteors is occupied by palms and ferns, being separated from the roses by merely a curtain.

In bedding plants he noted less call for cannas this year and more demand for geraniums, and he had a lot of Caladium esculentum left over. He also has had trouble with Bruantii geranium, which seemed to be blind, but they bloomed all right after being planted out. He has quite a lot of Hydrangea Otaksa in the field, but these will not be marketed till after Easter. He is growing on a lot of young palms, plunged in a deep hotbed, keeping a crack of air on all the time. This is the most convenient way to handle a small lot. He finds the swainsona useful as a cut flower and will this season try the bougainvillea. He is this summer trying some asters in some gravelly soil hauled for the purpose, but fears his trouble won't pay him.

He has added a new violet house 10x125, with solid beds, which is planted with half Marie Louise and half California.

HEUCHERA SANGUINEA ROBUSTA AND H. ALBA.

That the ordinary Heuchera sanguinea is most useful in a variety of ways, is conceded by all who have ever tried this valuable plant, even on a small scale, in their grounds. They are salable pot plants and are in constantly increasing demand for the borders and for beds. We can also easily induce them to bloom continuously in the winter months, when the long, slender and graceful spikes with their numerous coral red little bell-shaped flowers are readily disposed of at a fair price in the cut flower market.

In H. s. robusta we have an improved variety with larger bells and a decidedly brighter color, nearer to a crimson scarlet. We have grown it for several years in our collection, but not much was ever said about its superior qualities, for at first we thought the larger flowers and brighter color might be the result of extra care bestowed on a new and rare plant, but now we may safely say that with the same treatment and in the same soil the newer variety will always prove superior to the older one, both in color and size of flowers and spikes, while the foliage and growth resemble that of the type.

The white variety, called alba, should also find a place in every collection of any pretensions. It is a constant and very profuse bloomer, has larger and somewhat more elongated bells than H. sanguinea, and although some European writers have reported that the color was not as pure as might be desired (in some instances it was even described as a dirty white) we cannot candidly give such an adverse opinion in our experience. The plant, in our estimation, is really deserving our attention; the color is nearly pure white throughout, with exception of a greenish tinge near the base of the bells. The unfavorable reports were very likely gathered from experience with seedlings which were not up to the standard, as is often the case with a great many hardy things grown from seed.

If plants of this description are raised in this way, we are never sure of getting the best forms. When we are favored by luck, we may find a

pure and genuine plant, or perhaps even an improvement among the seedlings, and then these superior types should be propagated only by division or by cuttings, which with such freely branching plants as the subjects under consideration is not a very difficult or slow process, and in this case is the only way to perpetuate the true types.

In a former number of the Review we mentioned the usefulness of the ordinary H. sanguinea as a cut flower, and now we may add that both of the above varieties may be forced under glass in the same manner with equal results. J. B. KELLER.

Miscellaneous Seasonable Hints.

Lilies.

Some very useful flowers just now are the Japan lilies, especially Lilium album and roseum, and the percentage of unhealthy plants is very small, while not more than one-third of the auratums are healthy; at least, this is the case with mine, obtained from more than one source, and from my neighbors comes the same report. If the auratum continues to be as unsatisfactory, we will have to drop them entirely. Handsome as they are, they would not be greatly missed, for they are far too powerful to use for any room decoration or in any design, while the smaller flowers of album and roseum are admissible anywhere, and just now, when our roses and carnations are at their lowest ebb, both in quantity and quality, they are most useful, for they are beautiful in a design and make a chaste and refined bunch. I have only called attention to these useful lilies at this time, that you may not be without them another season.

Alternantheras.

Early in August is a good time to propagate the alternanthera, particularly the best one, paronychioides major, which is not so easy to winter. A flat with 2 inches of light soil should be filled with cuttings and stood in some shady place, either indoors or out. They root as quickly now in hot weather as chickweed, and before cold weather comes are sturdy little plants and well able to submit to rough treatment during the long winter months. Any place that is warm, and the flats kept on the dry side, is good enough for them, and they want no more handling till it is time to put them into a hotbed next April or May. These showy and effective little plants are now sold at such a low price that to encumber a bench with them all winter in pots is out of the question, and I like the above plan better than lifting old plants in the fall.

Pansies.

There is no fixed date for sowing pansy seed, for it depends on how you intend to winter them. A very large grower in our neighborhood who does not protect at all is now sowing, but if sown by the first of August, will do; then you can transplant by middle of September, and before winter sets in they will be well established plants in good order to stand the freezing and thawing of winter. If you prefer to give them the shelter of a cold frame and covered with glass, then a sowing by middle of August is early enough.

Pansies that are grown on farm land by the acre are sold at such a price that forbids the city florist to compete, but the principal use we have for pansies is for filling vases by the middle or end of April, and the field-grown plants are not quite early enough for that purpose, so it is best, if you have that demand, to raise a few thousand from the best strain and take good care of them. It pays to cover them with sash when real winter comes, but it should be off directly mild weather arrives in the spring, or your pansies will run up spindling and be useless for any purpose. If you have not yet bought your pansy seed, be sure and get plenty of yellow. It seems to me that if one-third were good, large yellow flowers, it would not be out of proportion to suit the popular taste.

Mignonette.

Last year I made a sowing of mignonette early in July on a bench with 5 inches of soil. A very hot spell existed for the following six or eight weeks and the mignonette ran up very spindling, flowered prematurely, and was a complete failure. Another sowing early in August from the same packet of seed was an entire success, growing robust and giving a profitable cut till the following March. The temperature was seldom over 40 degrees at night in the winter months. A solid bed is better for mignonette than a few inches of soil, but it can be grown well in 5 inches of good soil; the richer the soil, the stouter it will grow, providing you keep the temperature down.

Mignonette has the reputation of being difficult to transplant, and so it is, as we handle asters, stocks, etc. You can sow a few seeds on the bed where they are to remain, but if that is not convenient, you can sow it in 2-inch pots, and plant out when the bed is ready. Whichever plan you follow, don't attempt to grow good spikes, or expect them, unless you give the plants ample room. You often see it

The Chicago Florists' Club's Coaching Party on the way to Summerdale.

Chicago Florists at Reinberg Bros., Summerdale, Chicago.

grown on a bench as thick as we grow it in the garden in the summer time. That stuff is only fit to call "a little greens" to add to 50 cents' worth of cut flowers. Each plant should be at least 15 inches apart, if you want good spikes, and I have heard of some of the very best being grown even with much more room. WM. SCOTT.

CHRYSANTHEMUM NOTES.

Some of the earlier planted benches are now beginning to show signs of exhaustion and while we never feed till we get the bud set, if the plants remain vigorous it is just as bad to let them get in poor shape for lack of stimulant. As we have before stated every man ought to be able to tell when his plants need feeding better than anyone else. A liquid of cow or sheep manure once a week to start with will soon make itself felt, using it moderately weak to commence.

Where plants have become pale in the foliage nitrate of soda is excellent for a tonic, using it at the rate of 10 ounces to 50 gallons of water. Mums will stand a stronger solution than that but our own experience leads us to believe it is more effective to use it weaker and 2 or 3 times than one strong dose, particularly when the plants have not been fed before. Nitrate and in fact all chemicals should be carefully weighed so that you will be sure to get the right proportions. They are unequalled in their way, but have been oftentimes abused and disastrous results have followed. Use care and avoid any rule of thumb business.

Specimen plants, when their pots are well filled with roots which will be five or six weeks after potting, should have a little feed because the roots are so restricted that they soon use up the available plant food and will show it very quickly if they get starved. It is about time for pinching to cease and preparations made to get the plants into shape.

Any buds that form this month should be rubbed out as they are too early. We have retained and flowered the July bud on Mrs. Robinson, but we do not recommend it by any means, for while the flower had innumerable petals in it they were small and the flower in general finish was far below the standard of flowers, the buds of which were "taken" August 20. The neck, too, was long and very weak and the flowers feebly drooped their heads.

A curious thing in connection with early buds is the long time they hang in the green bud before developing. We have taken buds on Mayflower, August 10th, and they were not fully developed till ten days after buds which were taken some three weeks later. Unlike Robinson, though, the early buds on Mayflower were a splendid success as the flowers were of great depth and strictly incurving in shape. For general purposes about August 20th is early enough to take buds. After that date they can be relied on, while taken earlier they are more or less of a lottery. C. TOTTY.

DODDER ON GERANIUMS.

We send a sample of a parasitic growth which attacks geraniums and chrysanthemums and spreads with lightning-like rapidity, choking the plants to death. We would like to know what it is, and if there is any cure save handpicking. G. F. C.

Your subscriber is having some experience with a parasitic flowering plant that is found wild throughout the country, growing usually in damp places. It is often called gold thread, because it makes a tangle of yellow strands of the size of wrapping twine, or smaller, binding the tops of weeds together. It is known in botanical literature as dodder, and belongs to the family of the morning glories. It starts from small white seeds about the size of clover seed, and grows for a while like any other plant. Soon it attaches itself to whatever plant is growing near, absorbs the sap as mistletoe does, and its connection with the ground dies away. After a time small white flowers, about a sixteenth of an inch across, are produced in abundance, followed by seeds. After the plant starts only the most persistent handpicking will keep it in check. If not allowed to ripen seeds, it will only last one season. J. C. ARTHUR,
Lafayette, Ind. Purdue University.

TRY AN ADV. In the Review if you have any surplus stock to sell to the trade.

.. THE...

Society of American Florists

WILL HOLD ITS

Fourteenth Annual Meeting

...AT...

Omaha, Neb., August 16, 17, 18 and 19.

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Pres.. WM F. GUDE, Washington, D. C.
Vice-Pres.. A. OONAGHUE, Omaha, Neb.
Sec'y. WM. J. STEWART, 67 Bromfield St., Boston.
Treas.. H. B. BEATTY, Oil City, Pa.

Members may remit their annual dues in advance to the Secretary, who will mail receipt and badge for 1898.

For space in the trade exhibition address S. B. STEWART, Supt., 119 North 16th Street, Omaha, Neb.

REDUCED RAILROAD RATES TO THE CONVENTION.

From the West.

As foreshadowed in our last issue, the Western Passenger Association has now granted the requested rate of one fare plus $2 for the round trip to the convention of the S. A. F. at Omaha, and a rate of only one fare for the round trip from points within a radius of 150 miles of Omaha. This very favorable rate should insure a large attendance at the convention from western territory. Following is the full text of the official letter in the matter:

Chicago, July 26, 1898.

W. P. A. Circular Letter No. 1420.

Annual Convention Society American Florists and Ornamental Horticulturists, Omaha, Neb., Aug. 16-19, 1898—Proposition submitted for rate of one fare plus $2.00 for the round trip from Association territory east of and including Utah, except that from points within a radius of 150 miles of Omaha rate of one fare for the round trip to apply. Adopted. To Lines Interested:

Referring to W. P. A. Consultation Letter No. 94, submitting the following proposition for reduced rates for the above occasion:

RATE—One lowest, regular first class normal tariff (not temporarily reduced) fare for the round trip plus $2.00 from Association territory east of and including Utah, except that from points within a radius of 150 miles from Omaha, rate of one fare for the round trip will apply. The following selling and basing rates to apply from terminals named, viz.: Chicago, $14.75; Peoria, $13.25; St. Louis, $13.50.

DATES OF SALE.—Tickets to be sold August 14 and 15 from all points east of the eastern state lines of Colorado and Wyoming, and Aug. 13th from points west thereof, also Aug. 16th from points within 150 miles of Omaha for trains arriving in Omaha on the morning of that date.

LIMITS OF TICKETS—Final return limit Aug. 25, 1898, with continuous passage transit limits in each direction.

FORM OF TICKET—All tickets sold from or through St. Paul, Minneapolis, Chicago, St. Louis, lower Missouri River points, Colorado, common points or Cheyenne, to be of usual ironclad signature and witness form requiring execution in each case by Joint Agent at Omaha. From other points ordinary excursion form of ticket to be used.

Rates named above from eastern gateways of the Association to be tendered connecting lines for basing purposes, under the conditions named.

No objection having been raised, the above proposition is hereby declared adopted.

Respectfully,
B. D. CALDWELL,
Chairman.

From the East.

The Central Passenger Association has now granted the Society of American Florists a rate of a fare and a third for the round trip, on the certificate plan. This now covers the whole country as far west as Chicago and St. Louis and north of West Virginia. For the territory west of Chicago and St. Louis a still lower rate has been made, as announced above.

Now that the railroads have granted the concessions that have been so vigorously urged, there should be a grand outpouring at the convention.

FROM THE EAST TO OMAHA.

The Florists' Club of Philadelphia has arranged to take the Southwestern Express on the Pennsylvania railroad, leaving New York Sunday, Aug. 14, at 2 p. m.; Philadelphia, 4:30 p. m.; Harrisburg, 7:30 p. m.; Washington, 3:30 p. m.; Baltimore, 4:35 p. m.; arriving in Chicago Aug. 15 at 5 p. m.; leaving Chicago by Burlington Route at 5:50 p. m., and reaching Omaha at 8:10 a. m., Tuesday Aug. 16, the opening day of the convention.

The cost for the round trip, on the certificate plan, will not exceed $41.34. Sleeper $7.50 each way for double berth, or half price when two occupy one berth. A rate of single fare for the round trip may yet be obtained which would reduce the above given rate about $10. Those wishing to join this party are requested to send their names to John Westcott, Ridge and Lehigh Aves., or Robert Craig, 49th and Market Sts., Philadelphia.

OMAHA HOTELS.

Below is given full information about the hotels of Omaha that are convenient to the convention hall:

Hotel.	Capacity.	American. Plan.	Europ'n. Plan.
ller Grand, 16th and Howard,			$1.00-1.50
The Millard, 13th and Douglas,	100	$3.00 up.	$1.50 up.
Arcade Hotel, 13th and Douglas,	100	2.00	
Hotel Dellone, 14th and Capitol av.	450	2.00 up.	1.00 up.
The New Mercer, 12th and Howard,	300	2.00-2.50	1.00-1.50
Hotel Barker, 13th and Jones,	100	1.50	1.00
The Midland, 16th and Chicago,	150	1.50-2.00	.50-1.00
Drexel Hotel, 16th and Webster,	100		.75 up.
Murray Hotel, 14th and Harney,	100	2.50 up.	
Victoria Hotel, Dodge st., nr. 13th,	50	1.50 up.	
Dodge European (gentlemen only), 101-111 So. 13th,	40		1.00
Hotel Yendome, 414 So. 13th,	40	1.00-1.50	
The Windsor, 16th and Jackson,	50	2.00	
Hotel Garfield, 1515 Howard,	200		.25 up.
The Brunswick, 16th and Jackson,	200	2.00-3.00	1.00 up.

A CHANCE for the young men in the trade. See our prize competition on another page.

OMAHA, NEB.

The Convention.

As the time for the convention draws near, it is very encouraging to know that the attendance and the general exhibit are to be far beyond early expectations. Very nearly every foot of space has already been spoken for and all the prominent and enterprising exhibitors of other years are "coming to the west." Local exhibitors are also calculating on fine cut-flower and ornamental displays, and so, when the "smoke of battle" has cleared away it will be found that convention year at Omaha will be always a delightful memory.

I have had many letters and from all parts of the country, that indicate a good attendance. We now estimate a total of 400, and put it low so that it may have a chance to break the record. I think Chicago, alone, with its tributaries, will come in with banners flying, 200 strong. If this be so, and the local western states do their share, the general estimate of 100 east of Ohio will certainly not be unreasonable. You eastern brothers can't afford to miss this convention. If you do, just as likely as not you will have to go to San Francisco or Hawaii in 1899. Come and show your friends west of the Mississippi that the S. A. F. is no local organization, but enfolds in its embrace every state in the glorious Union.

Omaha florists will do all they can to serve you. They are still maturing plans for your happiness, and they are united in their efforts in your behalf. They have so many ways of entertaining you they hardly know which to choose. Apart from the convention itself, with its helpful and interesting discussions, it is felt that you need some "outside" happiness, or as Bro. Scott might put it "Something on the side." It has been about decided to make Friday memorable for you at the Exposition grounds, and in a word, to give you "a day of it." We expect to take you to the grounds and "turn you loose." The Nebraska building will likely be secured for your headquarters, and there you will absorb the succulent sandwich and quench your thirsts, all day and often, with orange punch, fresh from the California Exhibit. Close at hand will be the Horticultural building, with its wealth of every description, and all around you will be the handiwork of Mr. Ulrich and his staff of ornamental horticulturists. Surely you will feel at home and when you are satiated with the glorious views and the gladness of reunion, then you can throw off the shackles of your florist environments and do as your sweet will dictates, for you are to "make a day of it." And we can think of no place more desirable than the Exposition grounds for your holiday. The exhibits in other buildings, the exhilar-

Geo. Reinberg. Peter Reinberg.

The Reinberg Brothers.

ation of the Midway, the delightful music, the fireworks, the boating on the lagoon, the glorious illumination at night, than which nothing more beautiful have your eyes ever seen, will all combine to make Friday, August 19th, a blissful memory.

I notice the official bulletin has fixed the President's reception for Tuesday evening, and to supplement that we have arranged for a public inspection of all exhibits and music amidst the palms during its continuance. After the reception, which we calculate will end at 9 o'clock, Prof. Taylor will give his grand lecture on Russia, with stereopticon views, and this will be supplemented by music by Mrs. Taylor and other talented vocalists so that you certainly will "start off" at a pace that promises well.

On Wednesday, at promptly 2 p. m., the bowling contest will begin. The club has rented an entire building for your accommodation, the large room will be nicely decorated and used as a club room for the florists only, and here those who do not bowl will find rest and reunion under conditions that will make "seclusion" a reality. The bowling alley is a new and perfect one, and is not a minute's walk from the Horticultural Building. So the bowlers can come with expectations high and happiness assured.

I note the official programme fills up every night with discussions and essays. Well, I hope the attendance may warrant such an arrangement. I doubt it, the 25 cent evening exposition rate with all the exposition can give up to midnight will be too strong to combat I fear. Wiser to make the afternoon sessions last as long as necessary and have done with them. Remember Cleveland, and how the exhibit there drew the people. Here is something, better far than the World's fair, where time is limited. Make your arrangements for the whole week. No florists can legitimately leave Omaha before Saturday night, and if possible, negotiations will be entered into with the railroads to prevent such mistakes. Let this warning be sufficient.

The fat man's race will occur at the Exposition grounds on Friday. Edgar Sanders and Walter Mott have already entered and A. H. Hews is thinking about it. Bro. Scott is training up to 200 lbs., and "Little Woody" wants to know if he can enter by filling his clothes with lead. Peter Yongers has joined the club here for no other purpose, and Burt Eddy must have something up his sleeve as he wants the first prize to be "6 cases of Schlitz." Anyhow, if it is a hot day it will be a hot race. You sentimentalists that don't like crowds will have our lovely parks to drive in and Manawah Lake to swim in. Men of an investigating turn of mind will visit the greatest smelting works in America and see gold and silver made almost as easily as the retail florist makes money out of "funeral pieces." And last but not least Armour's and Swift's and Cudahy's great packing houses will be wide open, and Bros. Rudd and Esler and all others of a bloodthirsty or argumentative disposition can go down to these great slaughter houses, and have their thirst appeased, so that by Friday the most perfect harmony may prevail. Now then, all nonsense aside, this is going to be a grand convention and a well attended one, full of interest and potent for the future welfare of our beloved society.

Hotels.

Many have asked me to recommend a desirable hotel for their stay during the convention. The only way to live in a hotel here is on the European plan. The "Iler Grand" is new, first class and convenient, and the proprietors have made a rate of $1.00 a day for the florists. By writing ahead, your room can be secured. If you prefer a private hotel or home write me and I will secure the same for you, and any of the brethren. One's happiness at these annual gatherings depends considerably on a good cool, comfortable place to sleep and feel "at home."

Bowling.

Following are the scores made by the Omaha bowlers, July 18:

					Av.
Donaghue, Sr	188	140	155	149	158
Wilcox	143	159	133	177	155
Chapin	130	160	110	134	133
Swoboda	128	148	157	100	133
Davey	134	139	110	138	130
Hadkinson	157	103	161	89	127
Henderson	119	132	93	166	127
Shaw	104	132	163	95	123
Zimmer	101	108	130	123	115
Floth	109	116	83	91	100

J. AUSTIN SHAW.

PHILADELPHIA.

The Market.

Business is in such a very quiet state that there is not much to report. White in all varieties of cut flowers is most salable at prices about the same as quoted lately. A casual observer would suppose that the best results could be obtained were a few growers to make a specialty of good summer blooming stock and the rest drop it altogether so far as wholesaling is concerned and put their whole attention to perfecting their winter crops.

The Convention.

The prospects for a good sized party going to the convention at Omaha next month are improving. It is said that John Wescott has secured a one fare rate for the round trip, making the cost about $31, which is extremely cheap. It is thought that a fairly

strong bowling team can be gotten together.

John Burton has said positively he is going and a number of others are understood to have arranged to be of the party. It is hoped those who think of going will communicate with the committees at once.

Planting at Horticultural Hall.

Thomas Mingey, a skillful and thorough horticulturist, has been for twenty-two years superintendent in charge of the greenhouses and grounds at Horticultural Hall in Fairmount Park. Under Mr. Mingey's care the place has advanced from a rough beginning to be one of the very best in the country. In view of this fact a description of the varieties of bedding plants grown and how they are grouped may prove of interest.

The chief point of attraction to visitors, Mr. Mingey thinks, is the cacti bed. This is large and of original design, planted with alternantheras, sedums and Echeverias Californica, metallica, sanguineum and secunda glauca as a groundwork for the cacti. The large croton beds, one on each side, now magnificently colored from the heat, are edged with red alternanthera.

The opposite side of the circle contains two festoons of three loops each, the loops being sixty feet in length and quite narrow but of varying width. These loops are planted in their broadest parts with an oval of Achyranthus Lindenii edged with Stevia variegata and consist through their entire length of Coleus Verschaffelti edged with Coleus Golden Bedder; the balls from which the festoon is suspended are made of crotons. These crotons lend a particularly rich effect to the whole.

Of geraniums about 30,000 are grown. La Pilote ranks first, then come Bruant and Ernest Lauth, a rather dwarf double and red in color. Madame Thibaut is the only pink grown; it does splendidly here. For white Swan, for variegated Mrs. Parker.

About 40,000 Coleus are planted. Besides the two named Queen Victoria is used in moderate quantity. Aurea nana is the yellow alternanthera, but for red paronychioides major is almost discarded this season, its successful rival being a numbered seedling obtained about three years ago from Dreer's. It looks something like p. major, but is of stronger growth and better color, evidently an acquisition of real merit.

The cannas are a feature. All the novelties have been tried. Italia, Austria, Burbank, etc., ad infinitum. It comes to this. Columbia is their best bedding canna. Madame Crozy, Eldorado, Florence Vaughan and a new sort for edging taller varieties called, I think, Primo, are the kinds extensively used. Philadelphia is freer than Columbia, but the truss is not so large. Besides the above Pyrethrum aureum, Acalypha musaica, eranthemums and ageratums are used in quantity.

In combinations, La Pilote is edged with Swan. Bruant, though having beautiful truss, is only used in very large beds. Thibaut is much planted alone; Swan and Parker both solidly and as borders. Two rich beds of cannas are planted in the parterre, one of yellow, Florence Vaughan with Eldorado outside; the other of red, Madame Crozy, with Columbia, both beds edged with acalyphas.

The water lily pond is really beautiful. The Egyptian lotus, Nelumbium

F. W. Bruggerhof.

speciosum, is in bloom in the center. Victoria regia has made a leaf, but is not yet in bloom. The water is getting warm for the hardly lilies, which are going out of flower, the tropical varieties succeeding them. A feature of the pond is the hardy French Marliacea seedlings. They are fine. Water hyacinths are growing at the edge.

A change has been made in the central circle of the main hall. Some large palms and bamboos have been taken out and replaced by a number of remarkably well colored caladiums. These caladiums, with their background of tropical foliage, present a very striking appearance. Alocasia Jenningsii makes an effective edging elsewhere in the main hall.

Notes.

George Anderson should have been credited with 43,000 feet of glass instead of "some 35,000."

H. A. Dreer Co. has a pretty bench of Caladium argyrites.

H. H. Battles had a very tasty window arrangement last week.

Robert Crawford expects to make some store and greenhouse alterations. The case for dried flowers must go; it is a relic of the past.

Pennock Bros. have taken their second story greenhouse down and thrown the space into one long conservatory. They are also altering their show window.

W. J. Baker is receiving some nice carnations for July, also some outdoor grown. He reports a good demand for white. J. W. Y.

NEW YORK.

Among the Wholesalers.

"It is a long summer that has no turning," is the proverb the wholesalers have adopted, and so an air of indifference rules the street and for the nonce prices don't rule; in fact, prices for flowers have been "nothing to anything" for a long time and business has been as flat as the proverbial flounder, with the end not in sight yet. Some retailers are not even carrying ice in their boxes, much less flowers, but all this is anticipated and the disappointment is not so great after all.

Asters are coming in a little more freely, but the quality is not so very high, prices ruling from 25 to 75 cents per 100. Sweet peas scarcely realize 1 cent a bunch. All rose stock is indifferent, though from some quarters a little good stock is sometimes seen. The air is redolent with the odor of the golden banded lily of Japan.

Various Notes.

I was surprised on walking down the lower part of the city recently to see the King of Fakirs in the horticultural line selling on the sidewalk some small, very ancient tuberoses, labeled the New England Tuber-Rugosa, 36 colors on one plant, only 5 cents apiece. This same man has all kinds of hardy stuff for sale during the winter months, and many a fairy tale he told me till he discovered I belonged to the "4th estate."

Mr. J. H. Troy, of the Rosary Co., and family, who till recently were summering at New Rochelle, have gone to the mountains on account of the serious illness of their only child.

Mr. Thomas Brennan, with Cleary & Co., has gone on a vacation for a couple of weeks. Meantime J. P. C. is the "lonesomenest" man in town.

Mr. J. J. Hess, of Omaha, has been a visitor in the city during the week. He came east to see his brother off to the old country and incidentally to look up some of his old friends. It is fifteen years since Mr. Hess visited New York and was surprised at the many changes, but Mr. Hess, like the city, has grown a good deal since then, which makes one ask like the old Romans, "What meat doth this our Caesar eat that he has grown so

Geo. C. Thorburn. Grant Thorburn. Jas. M. Thorburn.

Three Generations of Thorburns.

great?" Mr. Hess is very enthusiastic over the Trans-Mississippi Exposition and the coming convention, and if everybody visits there whom he invited there will be quite a delegation from the east. Mr. Hess left Saturday, carrying many pleasant recollections (we hope) of his visit.

Other visitors were Mr. Robert Craig, on his way to Boston, and E. Koffman, Walden, N. Y., who is getting to be a regular visitor since he opened his store.

Cottage Gardens.

A short trip to Queen's to visit Mr. C. W. Ward revealed the fact that it was somewhat too early to see the collection of cannas, geraniums, etc., and one could only make a note of the quantities. Of the former there were 20,000, the bulk of them being newer kinds; almost as many geraniums, comprising the newest varieties; 16,000 seedling carnations; 75,000 for planting in the houses and selling in the fall, besides a lot of miscellaneous stock, including some Chrysanthemums for propagation, Mr. Ward believing they make stronger and better cuttings than the forced stock.

In the houses I noted a nice lot of palms and ferns, including the Nephrolepis Cordata and Bostoniensis. There was also a large stock of Asparagus Sprengerii.

There are two large plant houses in course of erection, 160x20, and an even span propagating house, 116x12. Mr. Ward is also building a large boiler house, which will contain a 200-H. P. boiler. The chimney, which will be of brick, will stand 65 feet high.

Mr. Ward reports a very satisfactory spring; in fact, to use his words, "He never sold out cleaner." He also has great confidence in the future and thinks the little war on hand will be a direct benefit to all.

J. M. THORBURN & CO.

The removal of this old and well known New York seed firm from the store at 15 John st., which has been a landmark in the trade for over 60 years, is of more than passing interest. The change will be to a more commodious building on Cortlandt St.

This firm was practically the pioneer in the seed business in this country. It was in 1802 that Grant Thorburn established the nucleus of the present business, which has been handed down three generations. After Grant Thorburn came his son Geo. C. Thorburn and then his grandson, J. M. Thorburn, who is still a member of the firm, though at present taking no active part in the business.

Grant Thorburn, the founder of the business, was born in Scotland and a very interesting history of his life was written by himself under the title, "Life of Laurie Todd." This name was the "nom de plume" he used when contributing to the "Home Journal," the society paper of the time, for he was a man of fine literary instincts as well as being noted for his business ability and integrity.

Mr. F. W. Bruggerhof, who has very largely contributed toward the success of the firm, was first associated with the business in 1849. He became a partner in 1855 and when the firm was incorporated in 1894 he became president of the company, which position he still occupies. During the busy season he makes his home in New York, but during the remainder of the year he resides at Norton, Conn., and is well known throughout the state, both politically and socially.

This firm introduced many "novelties" that are now standard varieties. Conover's Colossal asparagus was introduced by them in 1869. Potato Beauty of Hebron was offered in 1878 at $9 a barrel. In 1879 this potato came near being the cause of international complications. Messrs. Thorburn & Co. shipped 1,000 barrels to one of their customers in London and as it was at about the advent of the potato bug scare the English government seized the lot. They were sent to one of the government stores and each potato washed and cleaned, with the result that eleven dead beetles were found. The potatoes were then sold for culinary purposes only and none were allowed to be planted. The potatoes White Elephant, Rural Blush, Rural New Yorker, Carman No. 1 and Carman No. 2 were also introduced by this house.

Lester's Perfected Tomato, which originated in Italy, and was known there under the name "Pomo d'Oro," was one of the first solid tomatoes introduced. Trophy was selected from this variety. Their introductions include a host of other well known and standard vegetables.

The early catalogues of this firm are very interesting. Quite a common price for seeds in packets in the early days was 12½ cents.

We present herewith portraits of the three generations of Thorburns and of Mr. F. W. Bruggerhof, now the active head of the company.

BOSTON.

Review of the Market.

Dull is still the word, and if it were not for the funeral work, and the hustling of the army of street fakirs, business would almost be at a standstill.

Roses are still a leader, and are not over plenty, although a few are now coming in from freshly planted stock. Brides and Maids still run small; $4.00 per 100 is the asking figure. Kaiserins are more plenty, and those of good quality easily bring $8.00 per 100. Beauties are in good demand. Welch Bros. are handling some nice stock, grading from $1.00 to $4.00 per dozen. They also are receiving elegant Meteors, which bring $6.00 per 100. Perles are fine in quality; held at $6.00.

Carnations are not so plenty as last week, the hot weather now having its effect on the old plants, and out-of-door flowers are not yet in crop; 50 cents per 100 is the ruling price, while Bradts and Lawson bring as high as $2.00 per 100.

Asters plenty; 50 to 75 cents per 100. Sweet peas are in over-stock at 75 cents per 1,000. There are still a few longiflorum lilies, which are selling well and easily bring $1.00 per dozen. Tuberoses have made their appearance, and are picked up by the fakirs at 50 cents per dozen stalks.

The supply of valley is ample; prices firm at $4.00 per 100. There are quantities of odds and ends, such as candy tuft, achillea, feverfew, gypsophilla, etc., which sell fairly well, prices ranging according to the ability of the salesman.

The Weekly Exhibition.

This week's exhibit was devoted mostly to sweet peas, and some very fine blooms were shown, especially those of H. B. Watts, who took both first prizes, while F. A. Blake was awarded second, and F. E. Chaffin third. Rea Bros. and W. N. Craig exhibited seasonable blooms of herbaceous plants, and were awarded prizes. Mrs. E. M. Gill obtained first for a vase of flowers arranged for the table decoration, and Hattie B. Winter, second. Gratuities were awarded to A. S. Messer for a fine show of hollyhocks; Geo. Hollis, for blooms of Convolvulus palmata; W. N. Craig and E. C. Lewis, for general display of bloom; Alice N. Grinnell, for native flowers; Mrs. A. W. Blake, for a nice specimen of Cattleya Gigas, and Robert Laurie for Tropaeolum Vesarius.

News Items.

John Barry, of Doyle's, will spend his vacation doing New York and Philadelphia.

Billy Good has returned from New Hampshire and is at home to his acquaintances at Doyle's Boylston street store.

Fred Roberts, also of Doyle's, takes a vacation of a few weeks during the dull season.

W. J. Murphy's smiling countenance is again seen behind the counter at McCarthy's.

C. H. Joosten, of New York, paid us a visit this week.

W. H. Elliott and wife are anticipating a visit to Omaha during convention week. P.

CHICAGO.

Club Outing.

The Florists' Club outing at the establishment of Messrs. Reinberg Bros. at Summerdale, was decidedly a record breaker. About 250 people participated and all enjoyed themselves hugely. Summerdale is within the city limits, only seven or eight miles from the business center, and there are excellent macadamized roads right to the place. This suggested to Ed Winterson the brilliant idea of a coaching party and though the idea arrived too late to issue a general notice it was put into execution with such success that two of the largest tally ho coaches were well filled and carried 90 people to Summerdale. The Review took a photograph of the party while on the road and an engraving from same appears in this issue. It was a very jolly party and the ride out the Lake Shore drive, through Lincoln Park and over the Sheridan road was very greatly enjoyed. There was still a large number to take the train and many arrived on bicycles and in other conveyances. It was undoubtedly the largest gathering of florists in Chicago since the convention of 1887.

Greenhouses of Goldring Bros., Slingerlands, N. Y.

The immense range of glass of the Reinberg brothers was a revelation to many and an attempt to explore it on a hot sunny day resulted in the explorer soon tiring of the job. The number of rose houses is apparently endless, and when the brothers were asked how many houses there were they admitted they did not know themselves. They refer to them by blocks rather than individual houses. There will be found in this issue as good a general view as can be given in a photograph covering so much space, and a glimpse into the block of new rose houses built this summer.

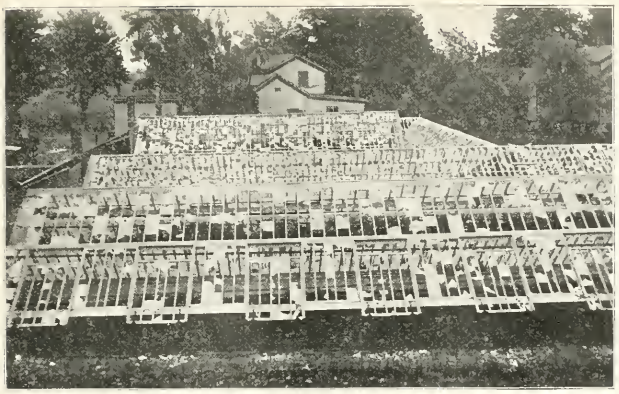
The immense crowd was admirably handled and no one was allowed to go hungry or thirsty. Refreshments in great variety were continually served at tables placed on the lawn under the trees and on the veranda of Mr. Peter Reinberg's residence. There was a large proportion of ladies present and their bright summer costumes added immensely to the scenic effect as their presence did to the pleasure of the occasion. And there was a sort of bachelor's hall resort in the new packing room at the rear of the house, where it is said there was enough liquid to float a man-of-war and from which was wafted the sound of male voices raised in song.

The base ball game was hot from every point of view. Old Sol was pouring down heat rays in full count bunches and the batters gave the fielders some long chases. The teams were arranged as follows:

Position.	Team No. 1.	Team No. 2.
Pitcher	E. Winterson	Jno. Salmon.
Catcher	Jas. Curran	Matt. Smith.
1st Base	W. F. Kyle	F. Hansen.
2nd Base	P. Hauswirth	Joe Dunn.
3rd Base	W. Kreitling	C. Hanner.
Short Stop	Jno. Zeck	C. Pruner.
Right Field	C. Erne	Joe Beckman.
Center Field	C. Balluf	C. Hughes.
Left Field	L. Kelley	H. Smyth.

Team No. 1 was composed entirely of florists from the city while No. 2 contained six local players and three from the city. Five innings were played and the score was 13 to 12, in favor of Team No. 2.

Ed. Winterson pitched like a veteran and ran bases either on his feet or his shoulder as came handiest. Jimmy Curran looked very artistic with the catcher's guard over his face. Phil. Hauswirth got tangled up with the second baseman and got a reminder that base ball is dangerous as well as amusing. Walter Kreitling caught sight of a pail of sea foam rather quicker than of the ball and made a very rapid safe hit with the pail. John Zeck's gentle voice could be heard at least seven feet away. Billy Kyle made several really clever plays. F. Hansen did some excellent work and was suspected of being a professional player. He and Jno. Salmon wore red suits that were dreams of beauty and they were the dudes of the diamond till Ed. Winterson decorated his shirt and hat with some very fair rose soil which he picked up while making first base. All did their parts well, including the spectators who continually offered comments and advice in the unselfish and generous way usual on such occasions. Barring the fact that the planks of the "grand stand" became no softer at quite a rapid rate the game was a "howling" success from the spectators' standpoint, or, rather, mouth point.



Partial View of the greenhouses of Mr. Alfred Patrick, Auburn, N. Y., after the hail storm.

But what would a game of baseball amount to without the assistance of the spectators! But the best part of the game was to see the boys pitch into the eatables and drinkables after it was concluded.

On returning to the lawn a group photograph containing a majority of the visitors was taken for The Review and a reproduction of same appears in this issue, also a picture of the two Reinberg brothers, the hosts of the occasion. Peter, the elder is seated in the chair, and George, the younger, stands beside him.

After a vote of thanks to the generous hosts had been passed with a shout and three cheers the tally ho coaches were loaded and went gaily away, a host of others followed on bicycles and still others sought the train, all agreeing that the affair had been a decided success and that it would be difficult to duplicate it in the future.

Next Outing.

The Milwaukee trip is the next on the list and will be taken Thursday, August 11. The Virginia has been selected and she will leave the Goodrich dock at 9:00 a. m., arriving at Milwaukee at 2:00 p. m., and reach Chicago again at 10 p. m. The party will be taken charge of by the Milwaukee florists on arrival there and they will endeavor to make it pleasant for the visitors. A special rate of 85 cents for the round trip has been secured. Tickets may be had of Mr. Edgar Sanders or at any of the wholesale florists. Bring your family and a well filled lunch basket with you and make a jolly day of it.

Thursday was selected for the reason that it was found impossible to avoid an objectionable crowd of other excursionists on Sunday. And in selecting a week day it was thought that it would be easier for the majority to leave their business a day during the middle of the week.

To Omaha.

The special rate of $14.75 for the round trip to Omaha has been granted, as foreshadowed in last issue, and this low rate should insure a strong delegation from this city. It is a splendid opportunity to enjoy the double attraction of the convention of the national society and the great Trans-Mississippi Exposition, at a very moderate outlay.

The Chicago Florists' Club will have a special car, and possibly two cars, on the Burlington train leaving Chicago at 5:50 p. m., Monday, August 15, and reaching Omaha at 8:10 a. m., Tuesday, August 16, the opening day of the convention. A circular issued by the committee of the Florists' Club of Philadelphia announces that the delegation from Philadelphia and other eastern points will arrive over the Pennsylvania road at 5 p. m., August 15, and will travel on the same train with the Chicago party from here on. The parties from Buffalo, Cleveland, Detroit, Milwaukee and other points will also center here and travel on the same train. It promises to be a very large and very jolly party.

A large number of berths have already been reserved in the special car of the Chicago Florists' Club. Others desiring berths reserved should addres G. L. Grant, 334 Dearborn street.

The Market.

There is an upward tendency in the market this week. Stock in most lines has stiffened up considerably, which naturally makes prices move up a point or so.

In roses long stemmed Beauties sold for $2.50, though this is exceptional, the stock being very select. Good stock, which continues scarce, is held at about $1.50 per dozen. Meteor and Kaiserin have a good call and are quoted at $4 for choice flowers. Maids were rather scarce, only one or two firms having any at all.

Carnations were seen in good shape. The stems are beginning to acquire length and the color and size are also improving. Good stock is now held at $1 and no trouble is experienced in disposing of it.

Peas are still a glut. In the early part of the day the best are sold for $1.00 per 1,000, but later are jobbed to the fakir at the ridiculously low price of $1.00 per 100 bunches.

Notes.

The many friends of Mr. E. H. Hunt will be glad to learn that he is able to be down to business again.

Mr. W. E. Lynch is away on a couple of weeks' vacation and thinks of spending some time in the east.

The conservatories of Mr. Nathan M. Freer, at Oak Park, are to be closed. The plants are now being sold and instructions have been given to have them all closed out by fall. The action of Mr. Freer was quite a surprise, as he seems to have heretofore taken much interest and pride in his conservatories.

Mr. Geo. B. Wiegand, of A. Wiegand & Son, Indianapolis, was a recent visitor and took in the club outing at Summerdale.

A number have asked if they could secure a copy of the group photograph taken at Summerdale. Copies may be had at the office of The Review. Price, 50 cents each. Copies of the photograph of the tally-ho coaches may be had at the same price.

O. W. Frese has returned from the Pacific coast looking well and hearty.

Bowling.

Only three bowlers turned up at the alleys last Friday evening. It is hoped there will be a large attendance the next few weeks, as there is not much time now before the convention. Following are the scores made:

	1st.	2nd.	3d.	4th.	5th.	Av.
G. L. Grant...	128	213	152	164	180	167
F. Stollery	114	108	157	152	121	130
G. Stollery ...	104	83	100	121	120	105

AUBURN, N. Y.

Posted up in Alfred Patrick's office are some excellent maxims and practical advice. One item reads as I remember: "Do your business quickly and take your leave." Evidently the terrific hailstorm that paid him such an unwelcome visit upon June 11th exemplified this, but at such cost!

Mr. Patrick says he will now believe anything he reads as coming from the clouds short of 13-inch shells, when stones such as fell at this time pierced steel roofs and cut rafters into matchsticks, which was an actual fact. Lattice was no protection to windows and palms such as latanias looked like cypress after the storm had passed. I send you a view showing the havoc caused.

The excellent cut in The Review with the advertisement for Hail Insurance is not formidable enough, an illustration showing the crystallized object

piercing armor plate would be more striking after the recent experience.

Mr. Patrick, who has a capital business and is a practical man, intends insuring both in our Hail and Fire Companies. This would have been done earlier but he was not quite decided as to Fire Insurance which caused the expensive delay. He is now busy with his force practically rebuilding and will put in a new hot water boiler to be well equipped for the fall campaign. W. M.

PETER BARR, F. R. H. S.

When the subject of the accompanying picture honored the Quaker City with a visit recently the writer had the pleasure of an interview with the hale and hearty gentleman who, although he has passed the 73rd milestone, thinks he is young enough to begin a tour of the globe, which he expects to complete at the Paris Exposition in 1900, and that unaccompanied. This is unnecessary as his genial face will obtain him an "open sesame" wherever he goes, excepting Spain, for I am afraid she may have heard how he has so favorably expressed himself towards Uncle Sam.

It is many years since the worthy gentleman climbed the mountains of Spain in search of the golden daffodil which, among the many other well-known bulbous plants, has made him famous. The writer well remembers visits paid to the store in Covent Garden when Mr. Barr was the Queen Bee of the hive and congratulates him that he is now able to enjoy the honey gathered there. W. M.

BUFFALO.

The Weather.

There is little floriculture to report, but a good deal of weather. How can you satisfy everyone. For the harvesting of hay, oats and wheat, it is ideal, but for asters, sweet peas and potatoes it is much too Peruvian-like. Without joking, it's warm. When the thermometer shows 90 degrees at 10 a. m. under the spreading branches of a maple and four feet above the sod, it is sultry. Such was the state of affairs on Saturday last. On Sunday it was more so, but your correspondent took no atmospheric readings or observations, having retired early in the day to the recesses of a cool cellar, pulling in all the loose cellar after him, and divided his time between liquids and literature.

Club Meeting.

In spite of the prevailing torridity, we managed on Friday last to get a quorum of the club together. A summer outing was decided on, and the president appointed Wm. Kasting, Henry Buddenborg and S. A. Anderson a committee to carry it through, and the three men are just the sort of boys to do it up to the handle. I wish I could announce the date, for I hope there will be a good attendance of our members and friends from nearby towns.

Then we talked convention, and if all go who then expressed their intention to attend, there will be a better delegation than we expected.

Early Closing.

We notice that many cities reported an early-closing movement some weeks ago. I am glad to say we fell in line in that direction as early as anyone, but I am sorry that the movement is not unanimous. Whether it is perverseness or greed, I don't know; perhaps a love of notoriety prompts this petty smallness. Whatever it is, the parties are old enough in years and in business to know better.

Notes.

It is seldom you find the storekeepers sweltering behind their counters just now. W. J. Palmer, Jr., must be

Peter Barr.

industrious, so he is helping build some more iron houses at Lancaster. Commodore Rebstock devotes much of his time to the popular lake resort, Crystal Beach, of which he has now the controlling interest. Savie Anderson is yachting. Andy Adams sits in a nearby cool retreat and rehearses Hibernian jokes. Henry Millatt is studying entomology among the leafy glades of the lake shore. P. Scott is studying up with great earnestness a new code of signals for catcher and pitcher, while Mr. Buddenborg's chief exertion is to fan himself and study the mortuary column.

The drummer season has opened with a rush, and the advance guard was represented by several veterans. Placid, playful Mott was the first to arrive, and it was such a long time since we had seen anything of these thrifty gentlemen that the meeting was very cordial. Then J. J. Corbett Boas, of Philadelphia. It's queer to see such a heavy man talking such a light article as a paper box. With an intermission of a few hours came Mr. Skidelsky, who finds it very pleasant to represent two such goods firms as W. K. Harris and Robert Craig & Son. The first two were traveling towards the setting sun. So we are sure of at least some attendance at the convention.

Mr. Hess, of Omaha, gave us a call on Sunday. We regret that it was so brief, but it will soon be renewed.

W. S.

ST. LOUIS.

The Picnic.

The great event of the season among the florists has come and gone. It was the fifth annual excursion and picnic of the St. Louis Florists' Club and their friends which was held at Belleville, Ill.

A special train left Union station at 9:30 a. m., in all about 200 florists including growers, store and commission men, accompanied by their wives, children, mothers, sisters and sweethearts, participated in the outing. The train arrived at the grounds at 11 a. m., and we found in waiting our Belleville members who composed the reception committee. After an hour or two inspecting the grounds the program as laid out by the committee was carried out.

The quoit contest was the first and out of ten entries Mr. C. (Doc.) McGraw, an employee of R. F. Tesson, was declared the winner. The prize was a box of cigars.

The shooting contest (clay pigeons) was next, with 17 entrees, 10 birds each, Mr. J. F. Ammann and Max Herzog were a tie, 6 each. On the shoot off Mr. Ammann won first prize, a silk umbrella, and Max Herzog second, an elegant cane.

The 100-yard dash for men under 30 years, 8 entries were made. Henry McGraw came in first and his brother, Doc. McGraw, second; prize for first a fine cigar case; second, a pipe.

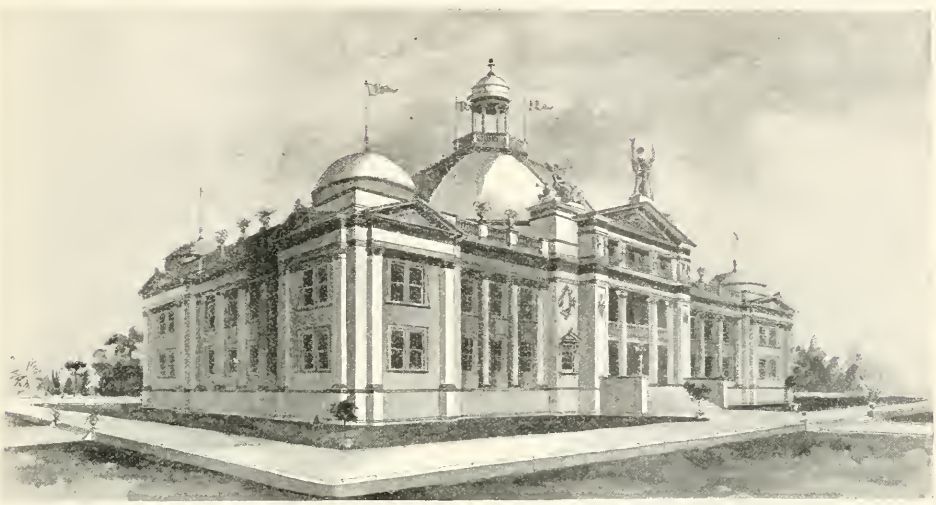
The next was the fat men's race, 185 pounds and over. The entries included Gus. Eggling, Fred. Ammann, C. C. Sanders and Chas. Juengel. Gus Eggling came in first, Fred Ammann second, and C. C. Sanders, third; first prize a fine pipe, second a cane and third a clay pipe.

The running broad jump was won by Fred Elbes, his jump being 15 feet; prize, a fishing rod. Fred is employed by C. A. Kuehn.

Carl Beyer was the lucky man as usual winning the next two first prizes in the standing jump and the hop, skip and jump.

The ladies' egg race came next with 8 entries. Mrs. E. W. Guy came in first, Miss Gutzman second, both prizes being fans.

Girls' potato race under 14 years of age was won by Miss Tillie Juengel.



Nebraska State Building at the Omaha Exposition.

Owing to the lateness of the hour the last on the program, the tug of war, did not take place. The prize, a box of fine cigars, will be smoked at the next club meeting.

The feature of the picnic was our regular band of negro jubilee singers and orchestra. They gave us some fine singing and a cake walk. The orchestra furnished delightful music for the dancing which was participated in by the younger class.

The train pulled out for home at 7:30 and all expressed the same opinion that this was the best and most enjoyable picnic we have ever had.

The Market.

Business in the cut flower trade the past week was almost at a standstill. Stock coming in this week is looking much better with prices about the same as last week.

Roses, the best of stock, bring $2 and $3. Perles are a little more plentiful. Carnations are still the same in quality; price 50 cents and $1. Same can be said of all the other flowers, such as sweet peas, asters, gladiolus and tuberose stalks. Short stemmed ones are sold at 50 cents. Good smilax is selling at $10 and $15.

Notes.

Fred C. Weber has been quite sick the past week. From reports this morning he is improving and expects to be out again by the last of this week. We missed Fred at the picnic and at the bowling club last Monday night.

Willie Jordan returned home Monday night from a two weeks' trip east. Willie was buying plants for his new place. While east he visited Philadelphia, New York and Washington.

Fred Meinhardt is building a new glass front office at his greenhouses, which will be completed by August. Fred has been keeping very quiet of late. The report is that before the leaves begin to fall Fred will join the married men's club.

George Augermuller, bookkeeper for C. A. Kuehn, has taken a vacation for two weeks. George's smiling face will be seen at the desk again next week. In his absence Eddie, the boy wonder, is taking his place.

Henry Berning of the St. Louis Cut Flower Co., has returned from his trip through Indiana, looking bigger than ever.

The Bowling Club rolled three games as usual. Following are the scores:

Names.	1	2	3	Tot.	Av.
Kuehn	217	168	134	519	173
Kunz	129	220	129	478	159
Schray	177	172	128	477	159
J. Young	125	174	299	149	
C. Beyer	139	140	150	429	143
Sanders	133	168	122	423	141
Beneke	136	151	136	423	141
Fillmore	165	128	105	398	132

J. J. B.

TORONTO.

The weather here for the last three or four weeks has been very hot and dry with only an occasional little shower and all vegetation is beginning to show the effects of it. This (Monday) morning there are great black clouds with thunder and lightning, but we have had great shows for rain several times and after all it may only be a case of "great cry and little wool" as the devil said when he shaved the pig.

Reception to Mr. Watkins.

Last Monday Mr. Alonzo Watkins head gardener at the Horticultural Garden was the recipient of a demonstration showing the estimation in which he is held by the profession generally in this city. The occasion was his return from a visit to the old country and about fifteen of those who know him best assembled to give him a suitable reception. The venerable George Vair was in the chair and a jolly evening of song, story (fact and fiction) and speechifying was spent. W. W. Watkins who is home on his holidays from Riverton was also present. Yankee Doodle, Auld Lang Syne and God Save the Queen put the finishing touch to this most pleasant social event.

Planting.

The flowery beds at the Horticultural Gardens are looking very well now, especially the Canna beds. There is only one carpet bed this year which is a very pretty one and in perfect order. A long border of dwarf antirrhinum was also very attractive.

The beds in front of the parliament buildings are also in fine order now, but it seems a pity that the whole of them are not under one supervision so that the whole plan as to color, etc., might be more harmonious.

The beds at the Government House show a great improvement over former years and, considering the short time Mr. Graham has had there, are a reve-

lation. Next year Joe will have a chance of showing what he can do and it is safe to say that no one will be disappointed. The greenhouses, too, show that there is a master hand at the helm, and bring to one's memory how they used to be kept twenty years ago when Mr. Harris was gardener there.

Can. Hort. Ass'n.

Reports from Mr. Wm. Gammage, of London, president of the Canadian Horticultural Association state that great interest is being taken in the convention of the association to be held here during the exhibition. It was intended that there should have been a separate trade exhibit, but it appears now that it would be better for exhibitors to enter their goods in the usual course for the Industrial Exhibition and if they wish to show samples at the Convention Hall. If a separate exhibit was made, space would have to be charged for; the other way there will only be the small entry fee with the same if not better advertisement. But as I said before, full particulars will be published shortly with program. E.

THE FLORISTS' REVIEW

G. L. GRANT, EDITOR AND MANAGER.

PUBLISHED EVERY THURSDAY BY

THE FLORISTS' PUBLISHING CO.

520-535 Caxton Building, Chicago,

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REDUCED RATES TO OMAHA.

It is very gratifying to be able to announce the very low rate now granted by the railroads to the Omaha convention, and especially by the Western Passenger Asociation. In connection with the latter the florists in the west are much indebted to the officers of the Chicago Florists' Club for their effective work in bringing about this concession. It came hard, but by persistent effort the desirable result was finally accomplished, the association being eventually made to understand that a satisfactory rate would result to the advantage of the various western roads, not only this year but in the future.

DOUBLE STOCKS.

Last year about 75 per cent. of my stocks came double, while this year seed from the same source produced only 10 per cent. double flowers. Was this the fault of the seed grower, or of the grower of the plants.

From the seed of double petunias that I sow, I never get over 20 per cent. double, and sometimes not a single one out of 1,000 seeds will be double. What is the cause of this? B.

The percentage of double-flowering plants among Ten-Week Stocks depends entirely upon the grower of the seed. A good, reliable grower will supply seed that will produce 75 per cent. double flowers, and there are other growers whose seed is practically valueless. The growing of this seed is a business by itself in some parts of Europe, especially at Erfurt, Germany.

It is the same with petunias as with stocks. It requires the same attention and careful fertilization of the flowers to secure reliable seed. Petunia seed that will produce 25 or 30 per cent double flowers is considered pretty good. C. J. S.

RENTING PALMS AND FERNS.

Will you please state, through The Review, how much the rent for a lot of palms and ferns valued at $50 should be for one week. SUBSCRIBER.

Under usual circumstances it would be unwise to rent the plants for so long a period as one week for in the average dwelling the ferns would be ruined in a few days. If the conditions were sufficiently favorable to insure the return of the plants without material injury, the charge for rental should be from $6 to $10, and not less than the lower figure. E. W.

ROCHESTER, N. Y.

The longest dry spell on record has at last been broken by a violent thunderstorm on Saturday; inside of about an hour almost an inch and a half of rain came down. Little damage was done, however, to plants in the field, excepting in low places where the water and mud, coming down in streams from higher grounds, covered whatever was growing there to a depth of several inches and in some locations men are yet busy trying to remove the dirt and mud and bring the plants to light again. Boiler pits, cellars and even greenhouse walks were flooded for a while. Drains could not carry off the water fast enough. Some ventilators and sash were torn from their fastenings by the fierce windstorm and quite a number of large trees were blown down in different localities.

The E. R. Fry Floral Co. are building two large greenhouses on Cottage street and the old sash houses purchased last year from Briggs Bros. & Co., will also be moved to the same place before long.

W. S. Keller and wife, who have been in the Adirondack mountains for the last two months, are expected to return home by the end of this, or at the beginning of next week.

About trade conditions not much can be said at present; very little is going on, business is barely alive and flowers have not been overplenty nor very good, owing to the long continued dry weather. K.

CO-OPERATION.

If you are in the trade and are not yet a subscriber to The Florists' Review, send in your name and one dollar now and you will receive not only The Florists' Review for one year, but also a certificate entitling you to the earnings on one dollar's worth of stock in the Florists' Publishing Co.

Why do we make such an unparalleled offer? It is very simple.

You will have an interest in the success of the paper.

You will see that you can buy everything that you want to just as good advantage from advertisers in the Florists' Review as elsewhere, and at the same time benefit yourself by increasing the earning power of your certificate.

This mutual arrangement cannot fail to bring to the paper a heavy advertising patronage, and as a result the stock represented by your certificate will earn good dividends.

And the more you buy of advertisers in the Florists' Review (always mentioning the paper) the larger your dividends will be.

You get the best paper in the field and a share of its earnings.

Send in your subscription now. Address the Florists' Publishing Co., 520-535 Caxton building, Chicago, Ill.

HYBRID CLEMATISES.

There has been so much disappointment among the customers of florists when supplied with the usual form of the large-flowered clematises, on account of the disease prevalent, that any race, pleasing in flower, hardy in constitution, and free from disease, would be doubly welcomed. Messrs. Geo. Jackman & Son, Surrey, England, have crossed the hardy C. coccinea with the large-flowered C. Star of India, and produced a race with the strong constitution and form of foliage of C. coccinea, and flowers intermediate in form.

I am blooming the Duchess of Albany, a beautiful soft pink, deeper down the center, and Countess of Onslow, a deeper pink and slightly larger flower. They are campanulate in form, somewhat resembling in shape a partly opened C. Jackmanii. Mine have grown over eight feet and are full of bloom. W. C. EGAN.

WATERTOWN, N. Y.

The tendency of the trade in the growing of specialties is yearly becoming more marked. Green & Underhill realizing their success both in the raising and disposal of Rex begonias are increasing their stock which now consists of sixty-eight varieties, besides a batch of seedlings which will doubtless add something of merit to

Views in Riverview Park, Omaha, Neb.

this fancy plant. Ten thousand cuttings are in the sand and but a small percentage will miss.

Baroness Rothschild is one of the best varieties to strike. Countess Erdody is seen in quantity. Two large houses are devoted to begonias alone. Messrs. Green & Underhill attribute success in business to persistent advertising and originality. W. M.

TRADE EXHIBITION AT OMAHA.

Following are the latest rules and regulations of the Society of American Florists relating to the management of the annual trade exhibition of the society. The superintendent of the trade exhibition this year is Mr. S. B. Stewart, 119 North 16th St., Omaha, Neb., to whom applications for space should be addressed.

1. The Society of American Florists shall, through the Executive Committee, control all features of the trade exhibition.

2. There shall be appointed annually at the winter meeting of the Executive Committee a superintendent of exhibits. The vice-president of the S. A. F., or the local organization in the place where the convention of the current year is to be held, shall be invited to recommend such superintendent for election by the Executive Committee, as aforesaid. Said superintendent shall have general charge of all details of the annual exhibition, and shall be under seven days' full service and pay at and during the convention. He shall receive all applications for space and assign the same in the order in which they are received by him. He shall provide and arrange all necessary tables and staging. He shall furnish the Secretary as full a list as possible of the trade exhibitors by 1 P. M. on the day of opening the convention, said list to be for the use of the judges. He shall also furnish the Secretary with a full report of receipts, expenditures and other details of the exhibition, the same to be embodied in the annual report of the Society.

3. Exhibition space shall be designated in square feet, at a maximum charge of 25 cts. per foot for all space less than 12 feet; more than 12 and less than 50 feet, 21 cts., more than 50 and less than 100 feet, 19 cts., 100 feet or more, 18 cts., no entry to be accepted for less than $2.00. No charge shall be made for plants and flowers entered for exhibition purposes only.

4. Wall space shall be measured four feet in height, and when practicable a table not less than one foot wide shall be added gratis, if desired and applied for with entry.

5. Exhibition classes to be arranged as follows: A—Plants; B—Cut Blooms; C—Rollers and Heating Apparatus; D—Greenhouse Appliances, including Flower Pots; E—Florists' Supplies, including Fancy Earthenware; F—Bulbs and Seeds; G—Miscellaneous.

6. Exhibitors may group their goods together, excepting in the case of living plants and cut flowers. These shall be shown in a separate department from the other classes.

7. Judges shall be appointed by the president and secretary at least a month before the exhibition. The president and secretary may appoint substitutes in place of judges who may be absent.

8. Judges shall examine all exhibits and make mention of such as are in their opinion of special value, and shall only award certificates to new plants, improved appliances and approved florists' requisites, not previously exhibited before the S. A. F. They shall be governed by the merits of the article as exhibited, and shall state in their report on what special points of excellence awards were based.

9. In case any article or device has received an award at a previous S. A. F. exhibition, awards shall cover subsequent improvements only.

10. No award shall be made covering the quality of seeds, fertilizers, paints and other articles of such nature that an intelligent opinion cannot be had without a practical test.

11. The exhibition shall be closed between the hours of 2 and 4 P. M. on the first day of the convention, during which time the judges shall pass on the exhibits, and they shall report promptly to the secretary on the same day. Exhibitors shall be excluded from the hall while the judges are at work.

12. Exhibits not in position before 1 P. M. on the first day of the convention may be excluded from the report of awards.

13. Doors of exhibition shall be closed five minutes before the opening hour of each session of the Society, and remain closed during the session.

14. Exhibition to be open not less than two hours before the opening of the morning session, to remain open during the day, except during the session hours, as provided in Sec. 13, and to remain open one hour after the closing of the evening session.

15. No article exhibited shall be removed until after the close of the last day's session, except by permission of the superintendent of exhibition.

16. All adjustments not covered by rules or published action of the Executive Committee shall be referred to that committee.

THE WRONG WEDDING.

An amusing thing happened to a very smart wedding not far from London recently. The bride's parents sent to some fashionable city florists to decorate the chancel of the parish church, but when the bridal party arrived not a flower was visible, and the place was as bare as a barn. Indignation and surprise consumed all concerned, and violent inquiries were sent by wire to the fashionable florists to learn why they had failed to obey instructions. The answer came in due time with the bill, and on inquiry it was discovered that the smart 2 o'clock nuptials had been preceded by another earlier wedding. The florists had arrived just before and profusely adorned the church, but as soon as the ceremony was over, supposing it to be "the" wedding for which they were engaged, they carefully removed all the decorations.—Daily Press.

YOU CAN EARN $25.00 by a few minutes' work if you know of a really valuable labor-saving device or method of culture, a description of which has not yet been published. See details on another page.

BUY YOUR supplies from the advertisers in The Florists' Review, and thereby increase the earnings of your certificate.

WHEN you write an advertiser, always state that you saw the adv. in The Florists' Review.

"Get Acquainted

with your fellow-craftsmen. We will introduce you. Every subscriber to the FLORISTS' REVIEW is requested to send to the editor a cabinet size photograph with name and address on back, for use in our

General..... Introduction

Page groups of these portraits will be published from time to time until all have been presented. Photos may be sent in any time, the only condition being that you become a subscriber to the FLORISTS' REVIEW. Address

FLORISTS' PUBLISHING CO.

530-535 Caxton Building, Chicago....."

....CO-OPERATION....

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You get the best paper in the field and a share of its earnings.

Send in your subscription now.

FLORISTS' PUBLISHING COMPANY,

520-535 Caxton Building, ...CHICAGO, ILL.

WANT ADVERTISEMENTS.

TO RENT—Ten greenhouses for cut-flower growing, within 12 miles of Chicago. Glass in good condition. For further information address Rex, care of Florists' Review.

SITUATION WANTED—By practical florist. German, age 27. 12 years' experience in palms, ferns, pot plants in general. Good references. State terms. Address L. K., Florists' Review.

WANTED—Single man of good steady habits, who understands rose and carnation growing, also to assist at other work sometimes. For further particulars address F, care of Florists' Review.

SITUATION WANTED—By a first class grower of roses, carnations and 'mums and general stock, can give reference from three of the largest growers in Pennsylvania. Ten years' experience. Address J. R., care of Red Rock Rosary, Foster Brook P. O., McKean Co., Penn.

SITUATION WANTED—By carnation grower, 15 years' experience, 5 years with last employer. Address D., care Florists' Review.

FOR RENT OR SALE—First class retail stand. 5,000 feet of glass. New. In city. Ought to net good man at least $3.00 per day. Must buy stock, about $200.00. Reason for selling, failing health. Address "Illinois," care Florists' Review.

FOR SALE—First class florists' store in Chicago. Excellent trade, established fifteen years. Owner desires to devote his whole time to other business. An unusual opportunity. Address Max, care of Florists' Review

WANTED—Position as foreman in first class establishment by one who learned thoroughly in England the trade of gardening, and has followed the florist business for ten years in this country. Will take nothing but first class place and will start at $60.00 a month, with chance of raise after showing ability. Good references. Address Hemb, care Florists' Review.

POSITION WANTED—By married man, no children, as gardener or assistant, good grower of roses, violets, carnations, 'mums, palms and stove plants. German, age 26. Can give good references. Private or commercial. Aug. H. Jackman, 427 Lunt Ave., Chicago.

FOR SALE—Four greenhouses, nearly new. Good retail stand, in residence district, on paved street leading to cemetery. Must retire on account of health. A. Claus, 501 N. 4th St., Springfield, Ill.

SITUATION WANTED—By expert grower of plants and cut flowers., Competent in every department. Seeks a situation where he may have a chance to make his services worth more than in his present place. Can surely advance his employer's interests if given suitable opportunity. Address S. D., care Florists' Review, Chicago.

FOR SALE. On Long Island, a thriving town. Dwelling (including store) and four large Greenhouses; centrally located. **Address Bargain, care Florists' Review.**

Mention The Review when you write.

WANTED. Cheap for Cash No. 16 or 17 HITCHINGS BOILER, in good condition.

Also, good SECOND HAND GLASS, 16 x 20.

Address S. E. S., care Florists' Review.

Mention The Review when you write.

FOR SALE OR EXCHANGE.

An established, paying Greenhouse business, consisting of one acre ground, with dwelling, barn and about 5,000 feet glass in good condition. All modern improvements, situated in one of the best locations in Southern Ohio. Good title. No incumbrance. Good opening for nursery or market garden in connection. A bonanza for somebody. Or will exchange for No. 1 black farm land.

Address **CHAS. POMMERT, Greenfield, Ohio.**

Mention Florists' Review when you write.

Field Grown Carnations All the best varieties ready in September

GEO. HANCOCK & SON, Grand Haven, Mich.

Mention The Review when you write.

Always Mention the....

Florists' Review

When Writing Advertisers.

Clear Cypress Greenhouse Material.

This *with us* means the best growth of Cypress Lumber and the best grade of that growth; and from this grade all the sap—bright sap, which only experts can detect—as well as stained sap, knots and other defects cut out. Others do not equal our quality if they do beat our prices. It is not hard to see the reason: You can not buy gold dollars at fifty cents each. Experienced growers know that the best is not too good and cheapest in the long run.

Write for Circulars or Estimates.

Lockland Lumber Co.,

LOCKLAND, O.

THE PAINESVILLE NURSERIES

Centrally located between the East and West, offer unparalleled inducements to the trade in each direction, having one of the most complete Nursery and Florists' stocks in the country. No better type of . . . . . .

LOW DOWN BUDDED ROSES

grown, a block of a quarter of a million, besides a fine lot of one and two year on own roots, all in nursery rows and about a million ever-blooming under glass. General line of Ornamental Trees and Shrubs, unexcelled in quality and quantity. Correspondence and personal inspection solicited. . . . .

Catalogue and Price List Free.

THE STORRS & HARRISON CO., PAINESVILLE, OHIO.

Mention The Review when you write.

J. M. THORBURN & CO.

Late of 15 John Street, Have

REMOVED TO 36 CORTLANDT STREET, NEW YORK.

CATALOGUE OF BULBS AND CHOICE FLOWER SEEDS for Florists now ready and mailed free on application.

Mention The Review when you write.

25,000 SMILAX.

Extra Strong Plants, out of 2-in. pots, ready for immediate planting, at the lowest price ever yet quoted—$1.00 per 100, $8.00 per 1,000. Cash with order. Bear in mind this is strictly first class stock and there is a large saving in freight buying out of 2-in. pots. First come, first served.

SOUTH SIDE FLORAL CO., SPRINGFIELD, ILL.

Mention Florists' Review when you write.

For Sale.

FLORIST'S PLACE,

Three Houses, 3,750 ft. of glass, city water, heated by hot water and near court house in center of city; doing a good business. It will stand investigation. Who wants it? Immediate possession given.

Address H. D. C., care Florists' Review.

Mention The Review when you write.

CARNATIONS -- Choice Jubilee and Flora Hill, in 3-inch pots. $4.00 per 100.

ROSES -- Brides, Belle Siebrecht and Meteors in 3-inch pots. Maids, Brides and Beauties in 2½-inch pots.

SMILAX, in 3-inch pots, $3.00 per 100.

Send 50c or $1.00 for samples and prices to

GEO. A. KUHL, Pekin, Ill.

Mention The Review when you write.

FERNS

Pteris Tremula, ready to shift into 4-inch, $3.50 per 100, $30.00 per 1,000.

P. Cretica Albo-lineata, $3.50 per 100.

N. Davalloides furcans, $10.00 per 100.

R. Witterstaetter, Sedamsville, O.

Mention The Review when you write.

GRAND RAPIDS, MICH.

Business is dead. The heated period and drought continues and all stock is suffering for want of a good hard rain. The farmers are the heaviest sufferers, whole crops being now completely ruined.

Carnations are at their last ebb, poor and off color. The grasshoppers are getting in their deadly work, mutilating palms, dracaenas and anything they can get at, being specially fond of smilax. It is a steady skirmish to keep them from eating the tender tips of the mum stock. Verily the florist's path in summer is not strewn with roses.

There are some pretty good roses from young stock to be had, with demand light. Asters will soon be in and then carnations can be almost dispensed with. Sweet peas are fine but a drug even at 5 cents a dozen. Lime water will kill grasshoppers but can any one suggest a way to get lime water off the plants after using it?

The Floral Co. are cutting some very fine roses for this season of the year. They, as well as the rest of the boys, complain at the exorbitant price of 18x20 glass. It is now $5.08 per box! an unheard of price; last year it could be bought for $2.64.

It looks like as if the glass companies have caught on hard that the florists have to have that size glass and in large quantities, so have put it in a list where it is almost unapproachable. It has been suggested and will be acted on this fall that the club investigate the feasibility of importing greenhouse glass; all club together and get what is required in one shipment. It is said 18x20 D. S. A. glass, such as is in ordinary use by florists, can be put down here for about $3.20 per box net of 50 feet, which, if so, is a saving of $1.75 per box. The subject is a burning one and should receive all the ventilation possible. What are the florist's supply men about?

GEO. F. CRABB.

THE REX BEGONIA.

Replying to A. R., the Rex begonia dislikes direct sunshine, but a light shade is all that is required. They all delight in a warm temperature, say 70 degrees, with plenty of moisture, and must have a light, sandy, fibrous soil. Many of the light leaved varieties are very fragile. The hardiest variety is probably Bertha McGregor, which stands more sun than any other variety and is the least injured when used for decoration. H.

$50.00 in Prizes!

The Florists' Review offers the above amount for a description of some really valuable and practical labor or money-saving unpatented device or method of culture of benefit to florists, that has not yet been published. If a drawing is needed to make the matter plain, it may be of the roughest character.

The awards will be made entirely on the practical value of the device or method, though a well worded description and intelligible drawing will be desirable.

First Prize, $25.00
Second Prize, $15.00
Third Prize, $10.00

If you know of some useful labor or money-saving device or method of culture of which a description has not yet been published, you can easily win one of these prizes, and if you know several such you may be able to win them all.

Make your descriptions as brief as is consistent with clearness. Remember that simple devices are more generally useful than elaborate ones. What are wanted are those that will prove most valuable to the great mass of the readers of the Florists' Review. Competition open to all.

The prize-winning descriptions (and drawings, if any), will be published in the Florists' Review. And should others seem worthy of publication they will also be given space as opportunity offers.

Address

Editor Florists' Review,
520-535 Caxton Bldg., CHICAGO.

Pansy Plants NOW READY

30,000 Nice Seedling Pansy Plants now ready from 1898 seed, for November and later blooming, 50c per 100; $2.50 per 500; $4.00 per 1000. Samples free. Mitting's Giant Flowering Pansy Seed, trade pkt., 50c; 1 oz., $4.00. This seed will raise 50,000 plants to the pound.

The MORRIS FLORAL CO., Morris, Ill.

Mention The Review when you write.

Flowering Begonias

Following sorts: Rubra, Metallica, A. Guttata, Thurstoni, Wettsteini, Pres. Carnot, Diadema, **$3.00** per 100.

Otaheite Orange, 2½-in., $5.00 per 100.
Umbrella Plant, 2½-in., $5.00 per 100.
Matrimony Vine, (Hardy) 2½-in., $3.00 per 100.

JOHN A DOYLE, Springfield, Ohio.

"We Kill Weeds Scientifically" How?

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FAIRMOUNT CHEMICAL LABORATORY,
N. W. Corner Broad Street and Fairmount Avenue,
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ROSES. ROSES.

Strong, Healthy Stock, such as we use for our own planting.

300 PERLE
100 METEOR
300 SIEBRECHT
135 Pres. CARNOT
400 TESTOUT
150 BRIDESMAID
} 3-inch pots, $5.00 per 100.

300 BRIDE
500 PERLE
} 2-inch pots, $3.00 per 100.

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DEWEY?

WE DO,
WHILE STOCK LASTS.

Perles, 3½-inch	per 100,	$5.00
Bridesmaids, 3-inch, strong	"	4.00
Smilax, 3-inch	"	1.50
Dracæna Indivisa	"	1.50
Water Hyacinths	per 15,	1.00

Here's your money's worth.
All stock perfectly clean.
Terms Cash.

Will have pot grown M. L. and California Violets.

JOS. M. SMELY,
Successor to ROSCOE SAUNDERS,
354 South Fourth St. AURORA, ILL.
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TO CLOSE OUT QUICK, to make a change in business, I will sell Plants as follows at 'WAY DOWN prices.

GERANIUMS. La Favorite, Marguerite, De Sayre, Double Gen. Grant, E. G. Hill, S. A. Nutt, Beaute Poitevine, Daybreak, Aurelian, Scholl and many others, all nice plants, in 2½, 3 and 4-in. pots, our selection of all sizes - - - - - - per 100,	$2.50
Mt. of Snow, 2½-in. pots, - - - - - "	2.50
Mad. Pollock, 2½-in. pots, - - - - - "	2.50
Mad. Pollock, 4-in. pots, - - - - - "	8.00
Impatiens Mother of Pearl Rose, 4-in. pots, - each	5c
Hydrangea Otaksa Monstrosa, 6 and 7-in. pots, "	15c
Maiden Hair Ferns, fine, in 4, 5 and 6-in. pots, assorted, - - - - - - - - "	8c
Maiden Hair Ferns, Clumps from bed, for 4-in. pots, - - - - - - - - - - "	4c
Ivy Geraniums, 4-in. pots, - - - - - - "	5c
Strobilanthes, 4-in. pots, - - - - - - "	5c

Order QUICK as these must be closed out at once. Cash with order, please.

H. H. TIMERMAN,
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Marie Louise.

A few thousand clean, healthy plants from flats. $3.00 per 100. $25.00 per 1,000.

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A NEW, FIRST CLASS, FIREPROOF, EUROPEAN HOTEL.
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REASONABLE RATES

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All the Standard Sorts

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50,000 Plants, 2½-in. pots, $5.00 per 100, express. 24 by mail for $1.50
SPECIMENS FOR 8-INCH POTS, $6.00 per 12.
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We have 100 or more plants in 8 and 12-inch pots, these have been headed to within 10 to 18 inches of pots, they are breaking **very strongly** and will make elegant heads. We offer these at **$1.50 to $2.50 each.**

THEO. F. BECKERT, 9 miles below Pittsburgh, **GLENFIELD, PA.**
Mention Florists' Review when you write.

THE PALM SWINDLE AGAIN.

The palm swindlers are still at work. Our last report is from Des Moines, Ia., where the regulation scheme was successfully worked upon a leading florist. This time the swindler represented himself to be a member of the family of a well-to-do customer of the florist and gave an order for a lot of palms to be used at a lawn party. The palms were sent and the delivery man was met at the gate by the swindler and a companion who it afterward transpired had previously obtained permission in the florist's name to leave the palms there till they could be distributed to customers in the neighborhood. After the delivery man left they sold the plants at ridiculously low prices to people in the vicinity.

This scheme seems to have become very popular of late with swindlers all over the country and florists should be sharply on guard against the smooth and engaging parties who work it. It is of course unpleasant to be obliged to examine every such order with suspicion, but it is expensive to be otherwise. Would it not be a good idea to instruct the delivery man to invariably report to the owner of the premises something like this: "The palms ordered by you for your lawn party have been delivered to the men on the lawn. Would you not like me to arrange them for you?" This would bring explanations at once if anything were wrong.

PLATTSBURG, N. Y.

Wm. Cook was tempted recently to accept a good offer for his plant and extensive land connected therewith. Now he feels lost after being in business so long, so is trying to get a part back again. He has a clean, well arranged place.

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Wholesale Florists and dealers in Florists' Supplies
Special facilities for shipping south. Unequaled returns for good stock. Open night and day.
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WHOLESALE CUT FLOWERS AND FLORISTS' SUPPLIES,
88 WABASH AVENUE, CHICAGO, ILL.
Carnations, Violets and Valley, Specialties. Full Line of Wire Work.
LONG DISTANCE TELEPHONE EXPRESS 466.

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88 Wabash Ave., CHICAGO, ILL.
Wholesale Growers of and Dealers in CUT FLOWERS
Greenhouses at Hinsdale, Ill.

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Wholesale Cut Flowers
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...Wholesale Florist...
The right kind of stock, packed in the right way, delivered at the right time, and at the right prices.
19-21 Randolph St., CHICAGO.

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Wholesale Florist
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In our new and enlarged quarters we are better prepared than ever to handle your orders.

Full Line of Wire Designs and Florists' Supplies
S. B. WINTER
Successor to Winter & Glover
Write for Illustrated Catalogue.
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HIGH GRADE Cut Flowers
Properly Packed and Promptly Forwarded.

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Wholesale Grower of and Dealer in Cut Flowers,
WE ARE HERE FOR BUSINESS. GIVE US A TRIAL ORDER.
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Wholesale Florists
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WIETOR BROS.
SUCCESSORS TO
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WHOLESALE GROWERS OF Cut Flowers
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FINE ROSES—Shipped Carefully to all Parts of the Country.
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Write for Prices on ROSE PLANTS. 51 WABASH AVENUE, CHICAGO.

Lilium Harrisii.

5 x 7, $37.50 per 1,000, $4.00 per 100. 7 x 9, $75.00 per 1,000, $8.00 per 100.
Terms 90 days to customers of approved credit; otherwise, cash with order.
Prices on all other Bulbs and Roots cheerfully given.

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ONLY LINE DIRECT TO THE GROUNDS.

SEE Agent for further particulars.

C. G. WARNER, Vice-President, W. B. DODDRIDGE, General Manager, H. C. TOWNSEND, Gen'l Pass'r and Ticket Agent, ST. LOUIS, MO.

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The Florists' Manual... By WM. SCOTT

It will tell you just what you want to know in just the way you want to be told. It will cover the whole field of Commercial Floriculture, the articles arranged alphabetically, so that reference may be quick and easy. It will be a whole library in itself .....

Price, $5.00

SEND IN YOUR ORDER NOW

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Subscribers who are large buyers of trade supplies and who would like a larger interest than the one provided in our subscription offer are requested to correspond with us.

FLORISTS' PUBLISHING CO.,
530-535 Caxton Building, Chicago.

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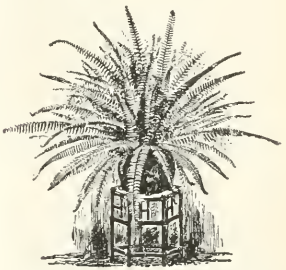
N. Exaltata Bostoniensis, $5.00 to $25.00 per 100, out of bench. Large size. Prices on application.

I have a fine lot of $6.00, $8.00 and $10.00 per 100 sizes which will make fine plants in the fall if planted at once.



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WM. A. BOCK, North Cambridge, Mass.

Mention Florists' Review when you write.

FORGING ROSES.

	Per 100.	Per 1000. 2½-inch.	Per 100. 3½-inch.
BRIDE	$2.50	$22.50	$4.00
BRIDESMAID	2.50	22.50	4.00
METEOR	2.50	22.50	4.00
KAISERIN	3.00		

MOON VINES, $20.00 per 1000.

THE NATIONAL PLANT CO.,
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Tobacco Stems, 100 lbs., $1.00. Full Bales (about 225 lbs.) 75c per 100 lbs.

Bone Meal, (absolutely pure) per 200-lb. bags, $3.50; per ton, $27.50.

Cane Stakes, (extra long) $4.00 per 1000. 3000 for $11.00.

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CHICAGO HOUSE WRECKING CO.
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W. 35TH & IRON STS., CHICAGO.
Write for our free illustrated catalogues.

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Always Mention the.... Florists' Review When Writing Advertisers.

PITTSBURG.

A meeting of the Pittsburg and Allegheny Florists' and Gardeners' Club was held Monday evening, July 25, to consider the advisability of establishing a cut flower commission house in Pittsburg.

A large number of retail florists and growers attended the meeting and the new venture here of "a cut flower commission house" was thoroughly discussed. No conclusion was arrived at as to how or on what plan this commission house was to be conducted. Your correspondent, however, ventures to say that a commission house will be established in Pittsburg ere long.

The meeting also decided that a committee of five should be appointed to arrange for an outing of the club during the latter part of August or beginning of September. T. P. L.

WASHINGTON.

Those who have decided to go to the convention at Omaha are getting out railroad maps and planning for the trip, while the stay-at-homes are equally enthusiastic over some scheme for an outing nearer home. Of the latter, Mr. Fred Miller of A. Gude & Bro., has taken a trip in his canoe to Blackistone Island, near the mouth of the Potomac, to be gone six weeks; provided with gun and fishing tackle and necessary material for splicing the main brace as often as necessary. Mr. Miller is a true sport and will certainly have a delightful time.

Mr. Wm. R. Smith continues seriously ill. He possesses a remarkable constitution and rallies, only to be thrown back by another hemorrhage.

W. H. K.

HUNT'S REVIEW OF THE CHICAGO MARKET.

The pulse of trade seemed to quicken toward the end of the week just past and this market is looking to a gradual revival from the stagnation of the past four weeks.

Perhaps the hopes are false and the demand seemed greater because there was scarcely anything to meet it. Rose stock was especially short and anything that shows a color was used, although the price remained at a comparatively low figure.

Carnations still hold out remarkably well and the outside grown are improving in regard to stems.

Aster, sweet peas, etc., etc., are in abundance.

Taking the sales of the week with its small receipts and the showing is not much below last year at this time.

Chicago, July 25, '98.

SEND IN your order now for a copy of The Florists' Manual, by William Scott. It will cover the whole field of commercial floriculture and will be the standard work of reference for the trade. Price $5.00.

WHENEVER you need any trade supplies not offered in our advertising columns, write us about it. We will place you in communication with some one who can supply what you want.

SAMUEL S. PENNOCK,
Wholesale Florist,
LONG DISTANCE TELEPHONE
1612-14-16 Ludlow Street, ...PHILADELPHIA, PA.
Mention The Review when you write.

ROSES- American Beauty, Bride, Bridesmaid, Perle, La France, Testout, Morgan, Niphetos, Kaiserin, 3 and 4-inch. ASPARAGUS PLUMOSUS, all sizes. MARIE LOUISE VIOLETS, young plants, well rooted.
A. S. MacBEAN, - - - - LAKEWOOD, N. J.
Mention The Review when you write.

CHRYSANTHEMUMS
Standard Varieties, $2.50 per 100.
A list of varieties furnished on application. Also
Cyperns Alternifolius, 2½-in. pots..... Per 100 $2.50
Cyclamen, white, pink, red and white crimson eye, 2½-in. pots 5.00
Grevillea Robusta..... 2.50
Geraniums, fine plants, 2½-in. pots, new and standard sorts, varieties on application.. 2.50
Asparagus Tenuissimus, 4-in. pots 10.00
Vinca Maj. Var., 3-in. pots..... 4.00
Smilax, 2½-in. pots..... 2.50
NATHAN SMITH & SON, Adrian, Mich.
Mention Florists' Review when you write.

PANSY SEED!
THE JENNINGS STRAIN.
It is First-Class in Every Respect.
Finest mixed in great variety of fancy colors, $1.00 per pkt. of 2500 seeds; $5.00 per oz.; 3 ozs., $15.00. Prepaid by mail.
Finest Yellow, White, Blue, Black, Red, Pink and Lavender shades, in separate colors, $1.00 per pkt. All large flowering.
CASH WITH ORDER.
E. B. JENNINGS,
Grower of the Finest Pansies,
Lock Box 254. SOUTHPORT, CONN.
Mention The Review when you write.

H. Bayersdorfer & Co.
THE LARGEST SUPPLY HOUSE IN AMERICA
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CELERY PLANTS
White Plume, Golden Self-Blanching and Giant Pascal.
Field-grown plants at $1.00 per 1,000; $8.50 per 10,000. Cash with order. Samples free.
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Mention Florists' Review when you write.

GIVE US A TRIAL WE CAN PLEASE YOU.

ROSES, CARNATIONS, and All Kinds of Seasonable Flowers in stock.
WM. F. KASTING, Wholesale Commission Florist.
495 Washington St., BUFFALO, N. Y.
Also Dealer in Florists' Supplies and Wire Designs.
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WM. J. BAKER,
WHOLESALE CUT FLOWERS,
1432 S. Penn. Square. PHILADELPHIA, PA.
Original Headquarters for CARNATIONS.
Mention Florists' Review when you write.

WM. C. SMITH
Wholesale Florist,
40 So. 16th St. PHILADELPHIA.
LONG DISTANCE PHONE 5008 A.
Consignments of Choice Stock Solicited.
Our central location enables us to fill out-of-town orders at short notice.
Mention Florists' Review when you write.

Asparagus Plumosus Nanus
Strings 8 to 10 feet long, 50 cents. Shipped to any part of the country.
W. H. ELLIOTT,
BRIGHTON, - - - MASS.
Mention Florists' Review when you write.

Boston Fern.
Well Grown, Leafy Plants.
8-inch pans, $1.50 each, $18.00 per dozen.
6-inch pots, $1.00 each, $12.00 per dozen
JOHN WELSH YOUNG. Germantown, Pa.
Upsal Station, Penna. R. R.
Mention The Review when you write.

SEEDS

Primula, Gloxinia, Calceolaria, Pansy, Cineraria.

We are booking orders now for the above, which will be filled promptly on receipt of the **New Crop** Seed, which is due to arrive soon. Our strains of these important Florists' flowers are unsurpassed. If you have not heretofore given our seeds of above varieties a trial, do so this year. We invite comparison with any.

...PANSIES...

Order now and seed will be sent as soon as **new crop seed arrives.**

Hunt's Pansy Seed has made a name because of the **quality** of the strains. We would be pleased to send our catalogue of Florists' Flower Seeds to any one in the trade. It contains a general list of all Florists' Seeds.

	Oz.	⅛ Oz.	Tr. Pkt.
Fine Mixed	$1.00	$0.25	$0.10
Extra Choice Mixed	3.00	.50	.15
Unrivalled Mixed, by long odds the best strain in the market	8.00	1.00	.25
Trimardeau or Giant Mixed	3.50	.50	.25
Cassier	5.00	.75	.25
Bugnot's Superb Blotched	6.00	1.00	.25

ALSO ALL THE NAMED VARIETIES.

SEEDS

READY FOR DELIVERY.

	Trade Pkt.
PRIMULA Sinensis Fimbriata. Single, white	50c
" red	50c
" kermesina splendens	50c
" mixed	50c
Double, white	50c
" red	50c
" mixed	50c
CINERARIA Hybrida Grandiflora, large flowering, finest mixed	50c
Our Cineraria seed is known among those who grow the finest plants.	
CALCEOLARIA Hybrida Grandiflora	50c
We have a special fine strain to offer.	
GLOXINIA Hybrida, large flowering, mixed	50c

TWINE FOR TYING "MUMS." 4-ply Best Cotton, per 5-lb. sacks, 75c. 3-ply Second Grade Cotton, per 5-lb. sacks, 70c.

E. H. HUNT, 76 Wabash Ave., Chicago.

PANSIES Worth Raising.

New and Reliable Seed, of our well known variety. 3-16 oz.... $1.00 1 oz.... $4.00 Cash with order.

C. SOLTAU & CO.,
199 Grant Ave., JERSEY CITY, N. J.
Mention The Review when you write.

"JUST ARRIVED."

We have just received a fine lot of fresh Seeds of

PANDANUS UTILIS,

$6.00 per 1,000.
Last chance for our **Jardiniere Ferns** in 2¼-in. pots.
SIEBRECHT & SON,
New Rochelle, N. Y.
Mention Florists' Review when you write.

VEGETABLE PLANTS.

Cabbage—H. Succession, Flat Dutch, Autumn King, Drumhead, Savoy, and other varieties.
Celery—White Plume, Golden Self Blanching Giant, Pascal, Golden Heart, and other vars.
Tomato—Livingston, Stone, Paragon, and other vars. All above plants field-grown, 15c per 100; $1.00 per 1000; $8.50 per 10,000. If by mail, add 10c per 100. Cash with order.
R. VINCENT, Jr. & SON, - - - White Marsh, Md.
Mention Florists' Review when you write.

50,000 Extra Strong Smilax Plants

Out of 2½-in. pots, **$1.25** per 100; **$10** per 1000. Cash with order. Address
FRED SCHNEIDER, Florist,
751 Crawford Road, Cleveland, O.
Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

E. G. HILL & CO.

RICHMOND, IND.

FINE CYCAS REVOLUTA

Sizes, 3 to 6 Lbs. STEMS 10 Cents Per lb.

Mention Florists' Review when you write.

REED & KELLER,

122 W. 25th St., NEW YORK CITY.

Manufacturers of and Dealers in WIRE DESIGNS

FLORISTS' SUPPLIES
Mention Florists' Review when you write.

Live Sphagnum Moss
For Orchids, etc., $1.25 per bbl.

Sphagnum Moss First quality, 85c per bale, 10 bales $6.00.

Peat $1.20 per bale, quality A No. 1.

Z. K. JEWETT & CO.,
SPARTA, - - WISCONSIN.
Mention Florists' Review when you write.

INSURE AGAINST FIRE IN THE

Florists' Mutual

Fire Insurance Ass'n.

ADDRESS W. J. VESEY, Sec'y, FORT WAYNE, IND.
Mention Florists' Review when you write.

Chrysanthemums ALL SOLD.

FIELD GROWN Carnations

IN SEPTEMBER.

JOHN HACKETT & CO.,
62nd St., near Elmwood Ave.,
PHILADELPHIA, PA.
Mention Florists' Review when you write.

Send to THE MOON

Company

For Your { Trees, Shrubs, Vines, and Small Fruits.

Descriptive Illustrated Catalogue Free.
THE WM. H. MOON CO.,
Morrisville, Pa.
Mention Florists' Review when you write.

THE REGAN
... PRINTING HOUSE ...

Nursery Seed Florists' Catalogues

87-91 Plymouth Place, Chicago.
Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

BOWLING AT OMAHA.

We have lately heard much talk and seen considerable in the various trade journals about bowling scores and bowling at Omaha. We poor Buffalo people hardly expect to have a team there. We are trying very hard to organize one and think now we will succeed though it will not be like the one of years ago. The requirement of six men may let us out and the bowling be done by other clubs.

If St. Louis will only bowl as well at Omaha as she has been doing on her own alleys, according to the printed scores, we will be thankful and will be glad to see her win, over Philadelphia. The Quaker City will, I think, have a pretty strong team there, so will Chicago, but a few of those two hundreds from St. Louis will alone win the cup. We don't care who wins so long as Philadelphia don't get the cup again this year. If the convention comes east again next year then we may stand some chance of winning it back again, and what a pleasure to take it from St. Louis! The Buffalo team will be made up of the following players: W. Scott, W. F. Kasting, D. B. Long, H. B. Buddenborg, Walter Mott and Philip Scott.

If we are not a success as a team we still have a champion, anyway, "W. S.," who says he will roll any man of his age (50 years) at the convention. He prefers to meet some one from St. Louis. BUFFALO.

DETROIT NEXT YEAR.

The florists of Detroit, Mich., have organized a Florists' Club and this organization will at Omaha extend a warm and pressing invitation to the S. A. F. to meet in their city next year. Detroit is an ideal convention city and with the genial and energetic Harry Balsley, president of the Detroit Park Commission, to push matters along and the hearty cooperation of the florists of the city there can be no doubt of a successful convention if Detroit is selected.

NEW CANNA AUSTIN.

We have received a sample flower of the new canna Austin, a seedling raised by R. H. Davey, of Omaha. It is a striking red in color and the flower is of good size.

DO YOU want to earn $50.00 easily and quickly? Read our prize offer elsewhere in this issue.

ROSES LEFT TO SELL.

200 Kaiserin, 3-in. pots, $7.00 per 100; 1,200 Bridesmaids, 4-in. pots, $9.00 per 100; 800 Brides, 4-in. pots, $9.00 per 100. All are A1, fine, healthy stock. Cash with order. 500 in one order of Maids and Brides at $8.00 per 100. Also a fine stock of fine Begonia Rex, best varieties, at low prices. **WM. F. KASTING,** Wholesale Florist, 495 Washington St., BUFFALO, N. Y.

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can be prevented by immersing the bulbs for two hours in a half solution of.....

..Kraft's Plant Tonic.. 99%

This has been conclusively proven by experiments at Lincoln Park, Chicago. The Tonic also kills **Hard Shelled Scale, Mealy Bug,** and other insect pests without injury to the plant. A trial of a 25-cent bottle will convince you that a really remarkable insecticide has been discovered. Send for circular.

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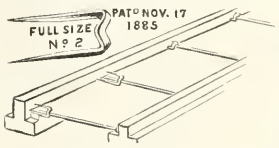

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The **MODEL** Extension Carnation Support....

Also Wire Rose Stakes.

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Very truly yours,
C. W. WARD.

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Yours truly,
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Yours truly, E. ASMUS.

Write for Prices, Circular and Special Discounts for early orders.

The Model Plant Stake Co.
THERON PARKER, Mgr., Inventor and Patentee,
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25,000 at $4 per 1000; 60c. per 100.

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2,000 Smilax, 2-inch pots, $3.00 per 100. $25.00 per 1,000. Address—

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SPECIAL OFFERS

Roman Hyacinth, 12 to 15, per 100, $2.00; per 1000, $18.50
13 to 15, per 100, 2.50; per 1000, 21.50

Freesia Refracta Alba, 3-8 to 1-2 inch, per 100, 50c; per 1000, $3.75
1-2 to 3-4 inch, per 100, 75c; per 1000, 5.00

Bermuda Buttercup Oxalis, per 100, $1.00; per 1000, $8.00

These prices include delivery.

FRESH SMILAX SEED, per oz., 30c; per lb., $3.00, delivered. 5 per cent. discount for cash.

KENTIA PALM SEED FRESH FROM AUSTRALIA in September.

Send for our NEW PRICE LISTS.

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STOCK THAT WILL GIVE YOU SATISFACTION.

Brides, Maids, Meteors, 3-in., $5.00 per 100; $45.00 per 1000. 4-in., $6.50 per 100.
Beauties, 3-in., $6.00 per 100; $55.00 per 1000.
Beauties, 4-in., $7.50 per 100.
Chrysanthemums—2½-in. stock, single. Lady Fitzwigram, Glory de Pacific, Bergmann, Robinson, Bonnaffon, Modesto, Perrin, Viviand-Morel, Maud Dean, Maud Adams, Emil and Gretchen Buettner, Yellow Jones, D. Spaulding, Lottie Berry, Marion Henderson, Crawford, Snowball, Defender, Mayflower, Thanksgiving, Whithers, Morton, Irene Woodford, Murdock, Golden Trophy, M. M. Johnson, Sunderbruch, Merry Monarch, Marquis de Mortmont, at **$3.00** per 100.
No more Rooted Cuttings.

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MORTON GROVE, COOK COUNTY, ILL.
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CHRYSANTHEMUMS!

FRANK HARDY,
$5 per 100; $40 per 1000; 25 at 100 rate.
Send for list of other new and standard varieties.

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3000 Forcing ROSES

Extra quality; ready to plant at once.
2500 Bridesmaids, 3-in. pots, $5.00 per 100.
500 Brides, 3-in. pots, $5.00 per 100.
Perfectly healthy and first-class in every respect; especially grown for my own planting.

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Sago Palms—Fine stock, good leaves; **$3, $4, $5** and **$6** per dozen and upwards. This is the best money-making palm in the market.
Will send samples of any size on receipt of price.
All the above stock must be sold at once on account of removal.

6,000 Latania Borbonica 3-in. pots, showing two character leaves. Fine stock ready for 5-in. pots. **$9** per 100; **$80** per 1000.

3,000 Latania Borbonica 4-in. pots, with two good full leaves. Strong plants ready for 6-in. pots. **$12.50** per 100; **$110** per 1000.

Cash with order, please.

CRITCHELL'S, B. P. Critchell, Mgr. CINCINNATI, OHIO.

40,000 FIRST QUALITY FORCING ROSES.

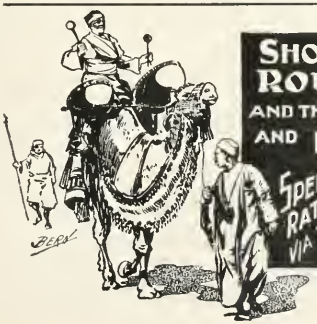
READY FOR IMMEDIATE PLANTING.

Fully equal to those sent out the last six years, first-class and perfectly healthy in every respect. Only selected growth from flowering shoots used in propagating.

LA FRANCE AMERICAN BEAUTY PRESIDENT CARNOT
3-inch pots, $8.00 per 100; 4-inch pots, $12.00 per 100.

METEOR, SUNSET, BON SILENE, PERLE, KAISERIN,
BELLE SIEBRECHT, MME. HOSTE, NIPHETOS, BRIDE,
3-inch pots, $7.00 per 100; 4-inch pots, $10.00 per 100.

J. L. DILLON, BLOOMSBURG, PA.



SHORTEST & QUICKEST ROUTE TO OMAHA AND THE TRANS-MISSISSIPPI AND INTERNATIONAL EXPOSITION.

SPECIAL RATES VIA THE WABASH

Write to C. S. CRANE, G. P. and T. A., St. Louis, for rates to the Florists' Convention in Omaha, and for a beautifully illustrated booklet describing the Omaha Exposition.

LANCASTER, N. Y.

The thermometer recorded 90 degrees in the shade where stood the veteran W. J. Palmer, with the bloom of perpetual youth upon his jolly face, directing the erection of two new iron houses each to be 125x19 feet which with a corridor house will be planted with the unsurpassed Dayhreak carnation.

This style of house will supersede the wooden one. Mr. Palmer reasons that, with the low price of iron, the length of durability and the fact that it is so much lighter are evidences in favor of the iron house. The work is being done by his own men, superintended by Will Palmer, who is a born mechanic.

The new boiler house is 47x34 feet, 22 feet in height. Four 50 H. P. steam boilers have replaced the former heating power. An octagon shaped chimney 8 feet through and 77 feet in height will afford the desired draught. The roof will be flat and cemented to make the structure fireproof.

The cellar for storing the day's cut is a capital one, 16x35 feet, 8 feet tall, and with vaulted brick roof, thick stone walls, cement floor upon blue clay which is the nature of the subsoil. A shaft carries off any excessive dampness.

Stock out of doors needs rain. Carnations are healthy. Messrs. Palmer have a white Daybreak and a sport equal to Victor when at its best. They do not expect to surpass their former triumphs in growing Dayhreak, Mr. Palmer being of the opinion that the plant does not require too much light and the old wooden houses just suited it but it was a case of pull me down or I shall fall.

I noted one house 200x20 feet with chrysanthemums very promising and the well-known Meteor will be grown as extensively as usual. Cannot have a surplus of that exquisite rose and Barney has the secret of growing it to perfection. W. M.

ST. ALBANS, VT.

Geo. Cooke reports an excellent season. Cemetery work has increased the demand for well grown flowering stock. Quite recently he built a very convenient office facing the street, which has added to the appearance of his snug place.

SURPLUS STOCK OF ROSES, CHEAP.

Speak quick if you want them.

700 Beauties, 300 Meteors, 300 Brides in 3-in.
100 Meteors in 4-in., 700 Brides and 700 Bridesmaids in 2½-in. **Good Plants.**

JOSEPH HEACOCK,
WYNCOTE, PHILADELPHIA, PA.
Mention Florists' Review when you write.

..FERNS..

In fine assortment, from 2½-in. pots,
$3.00 per 100;
$27.00 per 1000.

CHAS. T. DARLING, Stony Brook, L. I., N.Y.

The EVANS IMPROVED CHALLENGE
Ventilating Apparatus
ROLLER BEARING

NO INVESTMENT A GROWER CAN MAKE WILL PAY LARGER RETURNS THAN GOOD VENTILATING APPARATUS.

OURS IS THE RIGHT KIND

Our Apparatus does the work, and does it easily quickly and perfectly.

Saves labor and expense. Note our Steel Sproket Chain around this ad. Write for illustrated catalogue.

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10,000 Plants of	Per 100
Geraniums, 2, 2¼ and 3-in. pots.	$2.00, $3.00, $4.00
" Md. Salleroi, 2¼-in. pots	2.00
" Mt. of Snow, 2¼-in. pots	4.00
" Bronze, 2¼-in. pots	3.00
" Mrs. Pollock, 2¼-in. pots	4.00
" Sweet Scented, 3-in. pots	4.00
Abutilon, var. trailing, 2¼-in. pots	4.00
Begonia Rex, 2¼-in. pots	4.00
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Cobea Scandens, 3-in. pots	4.00
Heliotrope, 2¼ and 3-in. pots	$2.00 3.00
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Impatiens Sultani, 2¼ and 3-in. pots	3.00
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Salvia, 2¼ and 3-in. pots	$2.00 3.00
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Verbena, extra strong, 2¼-in. pots	2.00
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" 3½ "	6.00
" 4 "	10.00
" rooted cuttings	1 25
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15,000 single, mixed colors, 2-in. pots, $2.00 per 100
Cineraria, 2-in. pots, ready Sept. 1st, 2.00 "

PANSY SEED.
Half ounce....$2.00. Ounce... $3.50.
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James Giant Strain,
Per trade pkt., $1.00. Per ½ trade pkt., 50 cents.
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Sphagnum Moss
A very select quality, 75c per bale, 10 bales $6.00.....Grown and packed by
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Write for prices on car lots.
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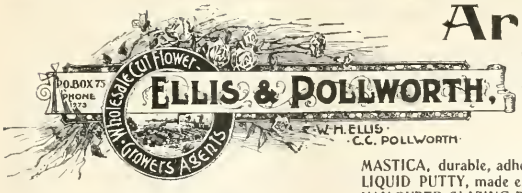

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Are You Going to Build or Repair?

YOU WILL NEED SOME OF THIS MATERIAL

MASTICA, durable, adhesive, elastic, $1.00 per gallon can.
LIQUID PUTTY, made expressly for greenhouse work, 25-lb. can, $1.50.
VAN RYPER GLAZING POINTS, best glazing point on the market, per 1000, 60c.; by mail, 75c.
SCOLLAY'S PUTTY BULB, to apply Mastica or Liquid Putty, 85c. each.
MASTICA GLAZING MACHINE, to apply Mastica, $1.00 each.
STEEL ROLLER GLASS CUTTERS, 15c. each.

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EXTRA HEAVY CLEAN ...STOCK...

Kentia Belmoreana
6-in., 5 to 7 leaves, $15.00 to $24.00 per dozen.
5-in., 5 to 6 leaves, $12.00 per dozen.

Kentia Forsteriana
6-in., 5 to 6 leaves, $12.00 to $18.00 per dozen.
5-in., 4 to 5 leaves, $ 9.00 to $12.00 per dozen.

Field-Grown Carnations
A fine lot will be ready for Sept. delivery.

THE COTTAGE GARDENS,
QUEENS, N. Y.
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PALMS AND FERNS
The Largest Stock of Plants in the West.
Geo. Wittbold, 1708 N. Halsted St. Chicago
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Carnations

F. DORNER & SONS CO.,
LA FAYETTE, IND.
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THE
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It will tell you just what you want to know in just the way you want to be told.
It will cover the whole field of Commercial Floriculture, the articles arranged alphabetically, so that reference may be quick and easy.
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If you want any of the above, or any other printing, we can supply you. Best work and moderate rates.

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Surplus ROSES in 3-inch pots.

Brides, Bridesmaids, Perles and La France, fine healthy stock, at $4.00 per 100,
4-in. pots..... 6.00 "
CRABB & HUNTER,
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Ornamental Shrubs,

HERBACEOUS PERENNIALS.
A specialty of Iris, Phlox, Pæonies, Pyrethrums, Poppies, etc. Wholesale List on application,
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The Leading New England Nurseryman. ESTABLISHED 1854. READING, MASS.

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Stock to sell to the trade advertise it in...
THE FLORISTS' REVIEW.

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Always MENTION the name of the paper when sending inquiries or orders.

Florists' Review....

BUFFALO.

The capital note upon "Cucks" written by Mr. Scott in The Review would not have been out of place in the Seasonable Hint Column as Cucumbers are now in season which truth some of us know to our cost. If the versatile gentleman can raise cucumbers with profit on his farm at Corfu he is quite as successful in raising palms at the home place. Fortunately for the palm dealer he is restricted for space so can only experiment. 'Tis not easy to grow all lines well but 'tis successful here. Some of the best roses shown me at Kasting's are the surplus from the Cold Springs plant.

My attention was called to a noble latania exposed to the broiling sun but which did not show the least sign of burning. Evidently with abundance of water this palm is not affected by the sun's rays.

The storemen are resting. Business is practically nil. The changes made in store removals were too late to show a positive increase in patronage. It is beyond dispute that the Bison City is now as well equipped with flower stores in proportion to its size as any city in the Union.

I made a trip to the Botanic Gardens and found the genial Professor casting his observant eye over the aquatic pond. He does not like to see the new leaves of the Victorias injured by snails and directed lime to be handed down to the slimy pest. He thinks of sending for some Jersey trumpeters to live upon them.

The new range of houses are under way but Mr. Cowell is doubtful of their completion by fall. He has almost enough stock to fill them. I noted some splendid crotons of gorgeous colors, a beautiful contrast to a batch of brilliantly colored fancy leaved caladiums; too bad this plant, like all beautiful creatures, is so sensitive. Some chrysanthemums are being grown for the fall show. A show in themselves are some immense specimen adiantums. Leisure time is put in by raising seedling cypripediums. What a family we shall soon become acquainted with.

Bidding adieu to the charming Garden and its surroundings (one of which is a three mile walk) I looked in upon our aesthetic friend D. B. Long whom I found busily engaged in selecting some of his latest ideas which have been printed or rather photographed to be displayed at the forthcoming convention at Omaha. They are a chic collection and are destined to become a necessary adjunct to every up-to-date florist. Dan has ideas even later than these but they are not developed yet.

W. F. Kasting has been asked to prepare a paper entitled "The Secrets of Success in the Commission Business." W. M.

IT WILL BE to your advantage to mention The Florists' Review every time you write an advertiser.

Decorative Plants

will not suffer near so much from the effects of handling, coal-gas and neglect, if they are potted in

Jadoo Fibre.

Our printed matter contains much that will interest you. Send for it.

The American Jadoo Co.,

817 Fairmount Avenue, ...PHILADELPHIA, PA.

Correspondence Solicited

ORCHIDS

ARRIVED, IN FINE CONDITION.

Oncidium Varicosum Rogersii, $15.00 per dozen.

Oncidium Kramerii, 2 to 3 leaves, $15.00 per dozen.

Lager & Hurrell, Growers and Importers.... Summit, N. J.

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75 cents per 100; $5.00 per 1000.

Sample Plants for 10 cents.

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LANCASTER, PA.

Roses.

900 American Beauties, 3-inch pots, STRONG, HEALTHY PLANTS, $6.00 per 100.

E. BUETTNER, Park Ridge, Ill.

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For Fall '98 and Spring '99 Delivery.

A SPLENDID ASSORTMENT OF

FIELD-GROWN HARDY ROSES,

Clematis, Ornamental Shrubs and Trees, Paeonias, Herbaceous Plants, Small Fruits, Fruit Trees. Price List ready in July. Special quotations gladly submitted by letter.

JACKSON & PERKINS CO., NEWARK, New York.

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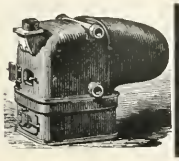
DON'T SYRINGE WITH COLD WATER, It lowers the vitality of your stock, but write for particulars of my Tempering Apparatus

HENRY W. GIBBONS, 134 Liberty St., NEW YORK.

STANDARD POTS

Every user of Flower Pots should correspond with us before purchasing elsewhere. Our facilities are unequaled.

A. H. HEWS & CO., - N. Cambridge, Mass.



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HOT WATER BOILERS, PIPES AND FITTINGS.

SEND FOUR CENTS FOR CATALOGUE.

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Strong Clean Healthy Stock

SOUV. du PRESIDENT CARNOT, from 3-in. pots, $10.00 per 100.

Kaiserin, Souv. de Wootton, Meteor, Duchess of Albany, La France, Sunset. Price from 3-in. pots, $8.00 per 100; $70.00 per 1000.

Bridesmaid, Bride, Perle, Mermet, Watteville, Niphetos. Price from 3-in. pots, $7.00 per 100; $60.00 per 1000.

CHRYSANTHEMUMS

Golden Trophy, Ada Spaulding, Dorothy Toler, Gloire of Pacific, Helen Bloodgood, W. H. Rieman, Indiana, J. E. Lager, J. H. Troy, Laredo, Lady Playfair, Mme. Fred. Bergmann, Mrs. Jerome Jones, Mrs. Nick. Twombly, Minerva, Miss Georgiana Pitcher, Mutual Friend, Modesto, M. B. Spaulding, Miss M. M. Johnson, Maud Dean, Nemesis, Niveus, Pink Ivory, Potter Palmer, Viviand-Morel, Cullingfordii, Gladys Spaulding, Harry May, Ivory, Merry Monarch, Marion Henderson, Mrs. S. Humphreys, Marguerite Graham, Miss May Wheeler, Mrs. J. G. Whilldin, Mrs. H. Robinson, Nellie Fenton, Oakland, Olympus, Thos. H. Brown, W. H. Lincoln.

From 2¼-in. pots, fine plants, $3.00 per 100.
From 3-in. pots, strong plants, $4.00 per 100.
Special rate for large quantity.

....VIOLETS....

Marie Louise, Swanley White, from 2¼-in. pots, fine stock, $3.00 per 100; $25.00 per 1000.

SMILAX

Strong Bushy Plants, $2.50 per 100; $20.00 per 1000

Trade List on application.

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Mention The Review when you write.

SCOTT'S ROSES

GRAFTED ROSES FOR WINTER FORCING.

We have a limited quantity of gilt-edge Roses grafted on Manetti stock, in 3-in. pots, ready to go into 4s, of the following varieties:

American Beauty, Bride, Bridesmaid, President Carnot, Mme. C. Testout, Augusta Victoria.

Price, $15.00 per 100; $125.00 per 1000.

This stock will produce 50 per cent. more cut flowers for winter blooming than own root stock, and will pay for the plants on the first crop of flowers. First come, first served.

We also have own root roses for winter forcing in 2½ and 3-inch pots. Prices on application.

ORDER NOW.

ROBERT SCOTT & SON,

19th and Catherine Sts. PHILADELPHIA, PA.

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'MUMS ALL SOLD!

Cyperus Alternifolius, 3-in., $3.00 per 100.
Allamanda Williamsii, 6-in., showing buds, $2.00 per dozen.
Pelargoniums, only the best flowers, mixed, 2½-in., $3.00 per 100.

JOHN G. EISELE,

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LOOK HERE

Bride and Bridesmaid Roses, January struck cuttings, out of 2-in. pots, $3.00 per 100; $25.00 per 1000, made out of strong 3 and 4 eyed cuttings.
Adiantum Cuneatum, strong, 3-inch, $7.00 per 100. Strong 2½-inch, $4.00 per 100, in fine growing condition. **All in A1 condition.**

TERMS, CASH OR C. O. D.

C. MERKEL & SON, Mentor, Ohio.

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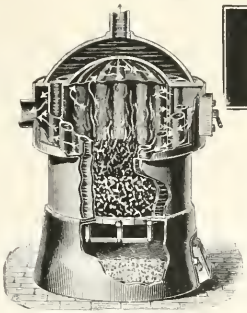

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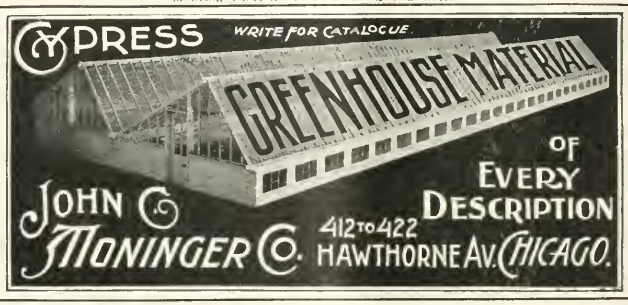

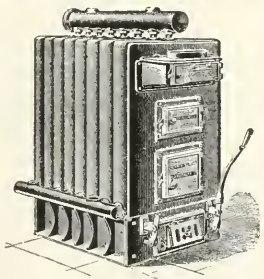

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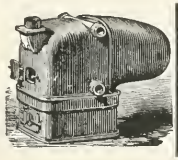

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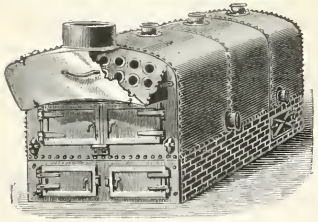

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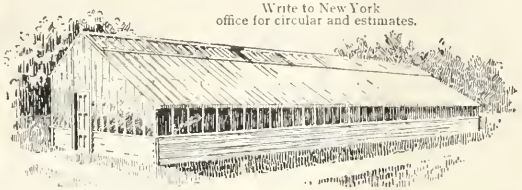

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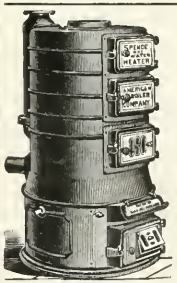

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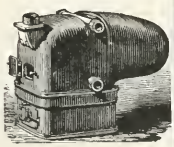

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WASHINGTON PARK, CHICAGO.

We present in this issue a number of exterior and interior views of the new conservatory at Washington Park, Chicago. This noble building is 420 feet long. The square central dome is 88x59 and 45 feet high, the end domes each 63x52 and 32 feet high and the connecting curtains each 39x114 and 25 feet high.

The interior views show to advantage the splendid collection of decorative plants, most of which are planted out in rather rough sandy soil. Bare spots are covered with a free growth of lycopodium and there are occasional borders of various plants, two that are especially noticeable being of Pteris cretica albo-lineata and Anthericum vittatum.

At present fancy caladiums, gloxinias and blocks of brilliantly colored crotons are making a fine display in one of the curtains, and among begonias and other plants rise many handsome flowers of Agapanthus umbellatus. Rex begonias are exceedingly well done here and a large number massed together make a beautiful show. Cassia corymbosa is now in bloom and its yellow flowers show to excellent effect at the end of one of the curtains. The festoons of vines seen in one of the views are Cobaea scandens.

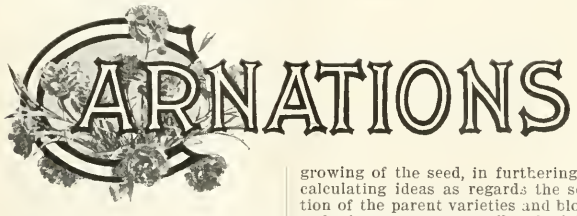
The main bedding at this park is now massed in front of the conservatory and is seen in the picture. In the immense arabesques seen on the lawn are combined santolina, achyranthes metallica and Lindenii, Centaurea gymnocarpa, and Coleuses Her Majesty, Acme, Firebrand, Admiral, Golden Bedder, Black Bird and Verschaffelti. At the edge of the walk are beds of geraniums bordered with Tom Thumb alyssum. At the front along the drive are some very effective oval beds of solid lobelia and Begonia Vernon. The carpet beds on the slope of the terrace are of echeverias and alternantheras. The bed of geraniums on the terrace, better shown in the smaller picture, is 400 feet long and six feet wide, and is

The New Conservatory at Washington Park, Chicago.

planted in blocks of various colors. Directly against the conservatory is a row of ricinus, in front of which is a row of cannas and then follows a row of Caladium esculentum. As will be noted, agaves and palms are effectively used in various positions.

The geraniums Mr. Kanst is now using are Ben Schrader, an excellent single pink; Meteor, one of the best single scarlets; the old single Gen. Grant, still a good one; S. A. Nutt, which is admired more than any other (as shown by the inquiries as to its name) and good for all purposes; Pres. Leon Simon, which he can't afford to discard yet; Bruant, an excellent bedder, though slow to bloom inside; Beaute de Poitevine, very free blooming; Mrs. E. G. Hill, a stronger grower than the preceding; Mme. Chevalier, double white, a fine bedder, in favor of which he has dropped Mrs. J. M. Gaar, which made but little growth; Alfred Tennyson, a good red; Mme. Messinger, with excellent pink flowers, though a trifle shy in blooming; Waldington, a fine dwarf pink of clear color and very free. In addition to Mrs. Gaar he has dropped Dr. Jacoby, Ralph, Admiral, Atkinson, and a host of still older ones.

In cannas he considers Chicago one of the best, and still holds Florence Vaughan to be the best in its class. Stella Kanst is a salmon flowered sort that originated here and which should be better known. It is a splendid bedder. Mr. Kanst is too modest regarding this sort. He likes Chas. Henderson, though a little late in blooming. Queen Charlotte is quite freely used and Egandale stands at the head of the dark foliaged sorts. Alphonse Bouvier is still fine, Columbia is still grown, though rather uncertain, and J. D. Cabos is still useful. Black Venus and Black Beauty are used in a limited way for foliage effect. Italia, Austria, Burbank and Allemania are interesting, but the flowers burn too badly in the sun to make them useful as bedders. Along one end of the conservatory is a bed of Egandale cannas bordered with Nicotiana affinis that makes a superb effect at night under the electric light. Of the newer cannas he has no less than 43 varieties on trial.



CARNATION NOTES.

Origination of New Varieties.

Time for growing the seed. Seed can be grown at any time during the season in the field as well as in the house, and to the one who leaves everything to chance, it matters little as to time. It is quite different with the one who takes up this work with calculating ideas. In the first place he makes the selection of the parent flowers when they are at their greatest perfection, and aims to have them under perfect control during the time of crossing or fertilizing without the presence of other factors, as insects and drafts of air carrying the pollen from one plant to another. He wants to be sure that the result is a true crossing between the intended varieties. Now, considering these two very important features, the best opportunities are offered during the winter months. Again, considering the vitality of the plants, the best time is after the winter solstice, when the rising of the all invigorating sun awakens new life through all vegetation. We feel this influence in the greenhouses, even if all vegetation outside is yet bound up in snow and ice, and why should this not have an influence on the growing of the seed, in furthering our calculating ideas as regards the selection of the parent varieties and blooms and what we expect to effect by it?

In my experience I have found January and February the most suitable months. In the first place, for reasons stated above and also from an economical standpoint. Seed set in these months will ripen by April, and when sown at once will make plants to put out in the field by May. These young plants will, with some exceptions (which, by the way, I have always found worthless), bloom during the late summer and fall months, show what they are, and give the grower a chance to select what he finds worthy for future trial, thus bringing the growing of the seed, the growing of the plants in the field, and the selection of the valuable portion in one season, thereby saving much labor in handling and wintering the plant, and much space in the houses that would be filled up with much worthless stuff.

I will repeat again that seed can be grown at any time during the year. On the contrary, there is a greater tendency to fertilize and set seed in summer than in winter, but I believe we miss the improving influences that manifest themselves when present, and who will not admit that our flowers are at their highest perfection during the months mentioned for growing the seed?

Selection of Seed Parents.

When we look back and see what has been accomplished we cannot but take our experience as a guidance for the present and future. We have come to understand much of nature's work and have turned it to our advantage, but we cannot yet grasp the mysteries of plant life, where so many things depend and are based on circumstances —and circumstances alter rules. We can only observe some rules, work on common principles and then leave it to nature—and good luck.

The first requisite of a plant parent is vitality and health, vigorous growth and freedom in blooming. These qualities, which are fundamental, should not be overlooked, although they are mostly the result of good culture. Next is color to be considered. A new variety perfect in every way but of a dull, undesirable color is of no value. Other defects may be overlooked or improved by culture, but not so a bad color. We should, therefore, take care in the selection of seed plants, to choose varieties with bright, brilliant colors, when other conditions do not have to be considered.

I said in my introductory remarks that patience and perseverance are virtues in this business, and especially so in regard to the exceptions hinted at and which I will try to explain. A seedling that possesses every good quality but a good color should not be thrown away at once, but either the seed plant or young plants propagated from it for the next season be used again as seed parents and crossed with some bright shaded variety of the same color. A good constitution will predominate and the color may be improved. And further, what cannot be accomplished in one season may be gained in two or three. The same rule applies to the other good qualities of a carnation, as size, perfect calyx and strong stem. Defects in these properties can be greatly alleviated by good culture, in fact are dependent on good culture, but when these good properties are inborn a good culture will be so much more effective. Always select the best; you may allow your fancy a wide range, but never set aside the fundamental principles, embracing vitality, health, vigorous growth and freedom in blooming.

Ten years ago the pink, especially the dark pink varieties, possessed the strongest constitution, as did those shading from pink into crimson, and from these to purplish crimson and scarlet crimson. A strong constitution seemed natural to the dark varieties, but not so with the light colors. The strong growing white varieties show to this day in some faint stripes or penciling from whence the vigorous habit has come.

I have had a fair illustration with the yellow varieties. The first yellows I had were of a very light shade, more cream than yellow, and of a weak constitution, with that light green foliage, appearing yellow against the deep blu-

ish green color indicating vitality and health. To obtain a darker yellow I crossed them with scarlet. The result showed a very marked improvement in the color, but the scarlet parentage showed plainly in the colored stripes, which even now is characteristic among the yellows. But far more satisfactory was the improvement in their constitution; the light green color of the foliage disappeared, growth became more vigorous and to-day we have just as strong growing varieties with the deep bluish foliage among the yellows as of any other color, but all still show more or less the intermixture of the scarlet which is bound to appear at some time of the season.

On the other hand the strong growing scarlets were improved in color, becoming more intense and brilliant, approaching orange scarlet, but strange to say none with yellow stripes. This is the result of five years of persistent work on the same line approaching by degrees the goal of a clear dark yellow. A strong constitution and vigorous growth I gained, also a fair yellow color, but not clear; It may take several more years to take out the stripes.

This leads very naturally to the question, which of the two seed parents will have the more influence on an intended crossing, or from which side is the intended improvement to be expected? With this question we enter into the mysteries of plant life. I do not believe that anybody can tell what of the desirable properties a new born carnation plant will inherit from its parents, or which side will exercise the most influence. In my experience the most approximate possibilities regarding expected improvements I met in the above cited illustration of the yellow varieties. I crossed scarlet and yellow, and vice versa. The scarlets were of a more vigorous habit. The yellows inherited the stronger constitution and also improved in color, becoming darker, but inherited with the more vigorous habit also part of the scarlet color, as shown in the stripes, while the scarlets retained their vigorous habit, inheriting some of the yellow color, but blending completely with the scarlet, only showing the effect in becoming more brilliant, more intense scarlet. I must not omit to mention here, that these results were obtained from scarlet plants for further trial, comprising not even ten per cent of all the plants produced from these crossings. Part of the rest were characteristic with the selected ones, but greatly inferior in other respects, and the majority went astray in all directions, being worthless.

I will mention here that we keep a record of all seedlings selected from the first year's seedlings for further trials. As we use these largely for seed parents again, we have the pedigree of all the stock we use. With the tendency of the carnation to breed back it is a great satisfaction to consult the pedigree of the seed parents, and approximately ascertain the influences brought to bear on the intended crossing from the ancestors.

FRED DORNER.

Washington Park, Chicago.

PROFITABLE CARNATIONS.

The popularity of the carnation continues to increase. In our locality we sell a hundred carnations to a dozen roses and glass devoted to carnations certainly brings in the most money. But to get the best returns one must keep posted on all the new varieties as well as the old ones. The number of florists who have not seen the new sorts is surprising, as only a small proportion are able to visit the carnation exhibitions.

Last winter we sent out 44 boxes of sample blooms containing one flower each of Flora Hill, Mrs. Bradt, Lily Dean, Maud Dean, Morello, Mrs. Duhme, Triumph, Jubilee, Armazindy and Mayor Pingree; also McGowan, Scott and Daybreak. Through these sample lots we received forty orders for rooted cuttings, amounting to

$246.40. As showing how the various sorts appealed to those who received them we append a list showing the number ordered of each sort:

600 Flora Hill at $5.00 per 100	$ 30.00
550 Mayor Pingree at $5.00 per 100	27.50
700 Triumph at $3.00 per 100	21.00
800 Mrs. Bradt at $6.00 per 100	48.00
425 Lily Dean at $6.00 per 100	25.50
100 Maud Dean at $4.00 per 100	4.00
150 Morello at $4.00 per 100	6.00
975 Jubilee at $3.00 per 100	29.25
450 Armazindy at $3.00 per 100	13.50
525 Mrs. Duhme at $4.00 per 100	21.00
575 Daybreak at $2.00 per 100	11.50
325 Scott at $1.00 per 100	3.25
600 McGowan at $1.00 per 100	6.00
Total	$246.40

Valuing the blooms at $3 a hundred the total cost, including blooms, boxes, packing and expressing was $25.66, so it seemed to us a profitable venture as well as giving our customers an opportunity to see for themselves what the new sorts were like. It can be plainly seen that the newer varieties took the eye, even if prices were higher.

For blooming out of doors and for short stems indoors for use in floral designs we recommend Scott, McGowan and Mrs. Fisher. For winter bloomers and money makers, Flora Hill and Evelina for white; Jubilee for scarlet; Triumph, Argyle and Daybreak for pink; Mrs. Bradt for variegated; Mayor Pingree and Gold Nugget for yellow; Empress for crimson; Painted Lady and Psyche for trial.

We would like to say a word for Triumph. We place the plants two feet apart each way and they are grand. Try this sort and you will soon be singing its praise. If sample blooms of this sort were sent to all florists there could not be half enough cuttings made to supply the demand. I mean cuttings that were properly taken, not top cuttings, which make short lived plants, not fit for trial. Better take it from the bottom of the plant and get more wood than bloom.

The Carnation Society should spare no effort to prevent the dissemination of varieties that are not up to the mark. Every time a poor sort is sent out the field is injured for the really meritorious new ones. Don't be in a hurry to bring out new sorts. Let the experimenting be done by the originator, and certainly weak spots will be made known in a three or four years' trial, which a new sort should have before it is placed on the market. And I believe it would be a good idea for the society to offer prizes for carnation rooted cuttings in various stages of growth. I think it would help us in making our notes on new varieties.

A. MITTING.

AMERICAN CARNATION SOCIETY.

Fellow Member:—An informal meeting of the American Carnation Society will be held in the meeting room of the S. A. F., at Omaha, Nebraska, Wednesday afternoon, August 17th, 1898, at 4 o'clock.

New ideas for our meeting in Philadelphia next February will be in order; and your secretary will enter any new member you can bring into the society.

(Signed.) WM. NICHOLSON, Pres't.
Attest: ALBERT M. HERR, Sec'y.

Cytisus Racemosus.

At some time I have said (and others also) that Cytisus racemosus, a favorite Easter plant, should not be planted out, because they lift poorly, and with the greatest of care you will lose a large percentage. They are not a good house or window plant, soon dropping their flowers and leaves as well, but for all that their color and neat, compact form covered with flowers keep up their popularity, and they were in as much demand as ever last Easter.

If you put in a batch of cuttings last January, as you should, they should now be in 4-inch pots and be bushy little plants. They should now be in a house not too heavily shaded and where there is the greatest possible amount of ventilation. They should not be stunted for want of root room, and should be daily syringed as well as given a liberal watering. If left to their natural growth they would soon make irregular, straggling plants, and would lose their attractiveness, but they will conform to any shape by a constant application of the shears. Don't be afraid every few weeks to go over them and clip off any growth that is asserting itself beyond the general outline of the plant.

Begonias.

In that very large family, the begonia, there are some that are very useful to the florist. A few dozen of the best varieties of the Rex type should be grown. They are very useful as a decorative plant on many occasions, and you need some good-sized plants to furnish you leaves to propagate from in November. They are truly a hot house plant, and this is the time to get a good growth. A shady house, with plenty of water and a daily syringing will soon make a fine plant.

One of the very best house plants is Begonia manicata aurea. I have never heard yet of any one having enough of it. I think it has been usually propagated from a side shoot as you would any of that class of begonias, but I found last winter that it propagated by pieces of the leaf as does the Rex class and many other plants. Like the Rex this fine begonia is grown for its fine leaves, and, therefore, should have a light, rich soil and be encouraged to grow while we have the warm weather. It's a slow grower in the winter.

That very useful begonia which we call incarnata grandiflora, is not very profitable, but flowering, as it always does, right at the holidays, makes it indispensable, not so much as a plant as for cutting to add to a bunch of flowers. If well grown it is very useful, the sprays lasting a long time in water, but if poorly grown it wilts quickly and is most unsatisfactory. It is often seen troubled with a disease which can be called a rust, and if once affected seldom grows out of it. This rust is caused, I believe, by a close, damp, and too heavily shaded house. They will thrive in a house now that has scarcely any shade and should not be put into a corner, but given a bench where there is a good circulation of air. You don't want them to make a quick, succulent growth, but a sun ripened, hard growth, and when the time comes for firing, a night tempeture of 55 degrees is plenty, with all the daylight you can give them; then this handsome begonia is really useful and profitable.

For the past two or three years we have found that Begonia Vernon is one of the most satisfactory summer flowering plants. It makes a good vase plant, and where a large lot of bedding has to be done it is a most agreeable change. It can be raised from cuttings, although that is a costly way of getting up a stock. You should be on the look out now for seed of it, for wherever there are a few plants in flower, seed is easily gathered, and sow it about September 1. Sow thinly or there will be a "damping off" before the plants are large enough to handle. It should be needless to say that like all begonia seed it is so small that it needs no covering. Pressed into the soil, covered with a wet cloth or light of glass and kept moist is all the covering it needs.

Pelargoniums.

If any of my readers grow pelargoniums they will notice that they are now out of flower and making a good growth. When I say pelargoniums I wish to use that name as applying to the show section. The zonale geranium is a pelargonium and so are all other geraniums, but in this country we call the zonale, bronze, scented and variegated classes geraniums, while the show, regal and fancy section retain the true generic name of pelargonium. Keep them rather on the dry side and in full exposure to the sun, for that will prepare them for a condition to

propagate, which is best done at the end of this month, and for which I will give hints later on.

WM. SCOTT.

THE EUCHARIS.

Much has been written about this plant as a florists' flower. We have grown it largely for the past twenty years and the treatment we have given it, is so very different from any that we have seen, we will give the readers of The Florists' Review our way of growing one of the most successful, all-year-round pure white flowers, that cannot be surpassed for fine funeral work, bridal bouquets and flat bunches.

We have a bed eighty feet long and six feet wide, that has since last September produced five full crops of bloom, that will run from four to five weeks from first bloom until crop is off, cutting as high as two hundred and fifty blooms per day, when in the height of the crop. The bed is now out of bloom, but we can at any time cut a dozen or so. The first crop came in in September and again in December of last year, in February, a small crop, a very fine crop at Easter and it is now sending up the flower scapes for a new crop.

The bed has not been disturbed as a whole but twice in 20 years, and then only to put a new bottom in the bench. The last time it was moved we put in cedar boards and they still last. The bed has not been dried off since started. As the clumps of the bulbs spread out, we lift out a clump or so to give room. The bed is well watered every day in summer with the hose, and top dressed from time to time with sheep or other manure. When the flower stalks begin to show up, strong liquid manure is given once a week until the flowers begin to open. Shade is put on by whitewashing the glass in summer heavy and no air given them. The house often goes up to 120 degrees in summer until the leaves wilt with the heat in the middle of the day, then freshen up again as soon as the sun goes off. The house runs from 62 to 65 degrees at night in winter. A four-inch line (supply) runs under the bed. We have found that they must be let alone. Don't try to divide them until the clumps spread out, or dry them off. Keep them growing all the time and dust with tobacco dust under the leaves or give tobacco water to keep off the thrips.

Washington Park, Chicago.

There is nothing, we find, equal to the eucharis for fine white, and by putting in a bench that will last, so they will not have to be disturbed, in a warm end of a shady house, you can always depend on a flower that is choice as an orchid and a better seller. Our variety is the Eucharis grandiflora. Amazonica is a shy bloomer unless great care is taken with it, and it will only give at the best two crops a year. We have some clumps of it in our bed of grandiflora and we find it likes the treatment we give the others, but the bloom only comes twice a year.

We tried to present with this to the readers of The Florists' Review a photograph of the bed in bloom, but on account of a few plants getting in the way that moved, it blurred the negative.

The flowers will keep in water for a week if kept in a cool place and they do not bruise easily. A bunch of the eucharis made up with the Asparagus plumosus or adiantum will always win in funeral work.

Cincinnati, O. B. P. CRITCHELL.

SAN FRANCISCO.—The State Board of Trade has decided to send a representative to the Hawaiian islands to make a collection of their horticultural, agricultural and manufactured products, to be added to the present permanent exhibit of the board.

.. THE...

Society of American Florists

WILL HOLD ITS

Fourteenth Annual Meeting

...AT...

Omaha, Neb., August 16, 17, 18 and 19.

OFFICERS.

Pres.. WM F. GUDE. Washington. D. C.
Vice-Pres.. A. DONAGHUE. Omaha. Neb.
Sec'y. WM. J. STEWART. 67 Bromfield St., Boston.
Treas., H. B. BEATTY. Oil City. Pa.

Members may remit their annual dues in advance to the Secretary, who will mail receipt and badge for 1898

For space in the trade exhibition address S. B. STEWART, Supt., 119 North 16th Street, Omaha, Neb.

REDUCED RAILROAD RATES TO THE CONVENTION.

From the West.

As announced in our last issue, the Western Passenger Association has now granted the requested rate of one fare plus $2 for the round trip to the convention of the S. A. F. at Omaha, and a rate of only one fare for the round trip from points within a radius of 150 miles of Omaha. This very favorable rate should insure a large attendance at the convention from western territory. Following is the full text of the official letter in the matter:

Chicago, July 26, 1898.

W. P. A. Circular Letter No. 1420.

Annual Convention Society American Florists and Ornamental Horticulturists, Omaha, Neb., Aug. 16-19, 1898—Proposition submitted for rate of one fare plus $2.00 for the round trip from Association territory east of and including Utah, except that from points within a radius of 150 miles of Omaha rate of one fare for the round trip to apply. Adopted.

To Lines Interested:

Referring to W. P. A. Consultation Letter No. 94, submitting the following proposition for reduced rates for the above occasion:

RATE—One lowest, regular first class normal tariff (not temporarily reduced) fare for the round trip plus $2.00 from Association territory east of and including Utah, except that from points within a radius of 150 miles from Omaha, rate of one fare for the round trip will apply. The following selling and basing rates to apply from terminals named, viz.: Chicago, $14.75; Peoria, $13.25; St. Louis, $13.50.

DATES OF SALE.—Tickets to be sold August 14 and 15 from all points east of the eastern state lines of Colorado and Wyoming, and Aug. 13th from points west thereof, also Aug. 16th from points within 150 miles of Omaha for trains arriving in Omaha on the morning of that date.

LIMITS OF TICKETS—Final return limit Aug. 25, 1898, with continuous passage transit limits in each direction.

FORM OF TICKET—All tickets sold from or through St. Paul, Minneapolis, Chicago, St. Louis, lower Missouri River points, Colorado, common points or Cheyenne, to be of usual ironclad signature and witness form requiring execution in each case by Joint Agent at Omaha. From other points ordinary excursion form of ticket to be used.

Rates named above from eastern gateways of the Association to be tendered connecting lines for basing purposes, under the conditions named.

No objection having been raised, the above proposition is hereby declared adopted.

Respectfully,
B. D. CALDWELL,
Chairman.

From the East.

The Central Passenger Association has now granted the Society of American Florists a rate of a fare and a third for the round trip, on the certificate plan. This now covers the whole country as far west as Chicago and St. Louis and north of West Virginia. For the territory west of Chicago and St. Louis a still lower rate has been made, as announced above.

Now that the railroads have granted the concessions that have been so vigorously urged, there should be a grand outpouring at the convention.

FROM THE EAST TO OMAHA.

The Florists' Club of Philadelphia has arranged to take the Southwestern Express on the Pennsylvania railroad, leaving New York Sunday, Aug. 14, at 2 p. m.; Philadelphia, 4:30 p. m.; Harrisburg, 7:30 p. m.; Washington, 3:30 p. m.; Baltimore, 4:35 p. m.; arriving in Chicago Aug. 15 at 5 p. m.; leaving Chicago by Burlington Route at 5:50 p. m., and reaching Omaha at 8:10 a. m., Tuesday Aug. 16, the opening day of the convention.

The cost for the round trip, on the certificate plan, will not exceed $41.34. Sleeper $7.50 each way for double berth, or half price when two occupy one berth. A rate of single fare for the round trip may yet be obtained which would reduce the above given rate about $10. Those wishing to join this party are requested to send their names to John Westcott, Ridge and Lehigh Aves., or Robert Craig, 49th and Market Sts., Philadelphia.

OMAHA HOTELS.

Below is given full information about the hotels of Omaha that are convenient to the convention hall:

Hotel.	Capacity.	American. Plan.	Europ'n. Plan.
Iler Grand, 16th and Howard,			$1.00-1.50
The Millard, 13th and Douglas,	100	$3.00 up.	$1.50 up.
Arcade Hotel, 13th and Douglas,	100	2.00	
Hotel Delone, 14th and Capitol av.	450	2.00 up.	1.00 up.
The New Mercer, 12th and Howard,	300	2.00-2.50	1.00-1.50
Hotel Barker, 13th and Jones,	100	1.50	1.00
The Midland, 16th and Chicago,	150	1.50-2.00	.50-1.00
Drexel Hotel, 16th and Webster,	100		.75 up.
Murray Hotel, 14th and Harney,	100	2.50 up.	
Victoria Hotel, Dodge st., nr. 13th,	50	1.50 up.	
Dodge European (gentlemen only), 101-111 So. 13th,	40		1.00
Hotel Vendome, 414 So. 13th,	40	1.00-1.50	
The Windsor, 16th and Jackson,	50	2.00	
Hotel Garfield, 1515 Howard,	200		.25 up.
The Brunswick, 16th and Jackson,	200	2.00-3.00	1.00 up.

NOW is the time to send advs. for our Convention Number, to be issued Aug. 18.

OMAHA, NEB.

The Convention.

The special meeting of the Omaha Florists' Club, Wednesday last, was well attended, and nearly all arrangements for convention week have been completed. Some changes for the better have been made, and the prospective enjoyments in your behalf are about as follows:

Tuesday, Aug. 16, at 3:30 p. m., the convention will accept the invitation of Mr. Liniger to visit his famous art gallery, with its half million dollar collection, and enjoy lunch with him. Tuesday, at 7 p. m., the plant and other exhibits will be thrown open to the public, and music by the Mandolin Club of the city will add interest to the first hour of the evening. From 8 to 9 o'clock will be devoted to President Gude's reception, and at 9 p. m. Prof. Taylor will commence his stereopticon lecture, and, if reports are correct, you will not care how long it continues. This is crowding a good deal into your first day, but there's more to follow. We propose to make you remember this convention pleasantly.

Wednesday, at 2 p. m. sharp, the bowling contest will commence at Krug Park, and it will continue until the cup is won, if it takes all night. You will note a change has been made in this location, and all believe this to be the ideal spot for your amusement. So all who can come, as well as the bowlers, are invited to Krug park on Wednesday afternoon. The fat man's race will materialize there also, and various other athletic contests. The park is handsome, and the ladies will be invited to participate in the afternoon's outing. Those who desire can return to the city and the exposition in the evening.

Thursday afternoon it is now believed that Mr. J. F. Wilcox will give the convention a trolley ride to beautiful Fairmount park in Council Bluffs, stopping at his own home for luncheon on the way. This will be a special treat for all, and it is hoped the whole convention will participate.

There will be special illuminations and music on Thursday evening at the exposition, and it is the intention to return from Mr. Wilcox's in time to take in the glories of the electric illumination and all the other grand features of the exposition. It will be midnight before the last florist leaves the seductive Midway. The magnificence of the electric effects, the music on the waters, the dreamy charm of myriads of flowers glistening in the white light and filling the air with fragrance, the beautiful White City, standing out against the dark blue background of the sky, glorious in its fairyland loveliness! Well! you must be more or less than human if you can leave it till the last sound of harmony has died away and the last light has vanished and you come back to this practical old world again. And so will end, I trust, for you

one of the happiest nights in all your memory.

Now, the convention over, and the "business" shelved, comes Friday, and "the end." As I have said before, we have concluded to extend to you for that day the courtesies of the great Trans-Mississippi Exposition, and to have you "make a day of it." You will be provided with passes on Thursday, so that you can, if you will, commence "your day" as early Friday as you please. At noon the whole convention is expected to meet at the Nebraska state building, which has been secured for your comfort. Here you will be regaled with "food for soul and body," farewell speeches will be made and "Auld Lang Syne" sung, and then your cares and duties at an end, you will be "let loose" to do and to see and to be happy, until satiated, and weary, and satisfied, you join, as I know you will, in "Three cheers for Omaha," and say, as I know you will, "This has been the best convention I have ever attended, and I'm glad I came!"

Notes.

On August 2 will occur the society event of the season in Omaha, when all the leading ladies of the city participate in the Floral Carnival. The weather makes the use of artificial flowers a necessity, but the florists will benefit somewhat, as the ladies will use the natural flowers for personal decorations.

Mr. J. J. Hess has returned from his two weeks' eastern trip, ten pounds heavier and several pounds happier. He reports a delightful series of visits to all the leading florists from Chicago to Washington, and is especially eloquent over the courteous treatment he received everywhere, especially at the capital, under President Gude's care. He found much interest everywhere in the convention, and predicts a grand attendance.

The Denver & Rio Grande railroad is arranging for an excursion to Denver, Salt Lake and intervening points of interest, for the week succeeding the florists' convention, and if a party of twenty-five can be secured most liberal concessions will be made and a glorious trip over the mountains will be enjoyed. Out of 500 florists who will be at the convention, 10 per cent. will want to secure this added pleasure. If they will send their names at once to J. Austin Shaw he will give them full instructions on the subject.

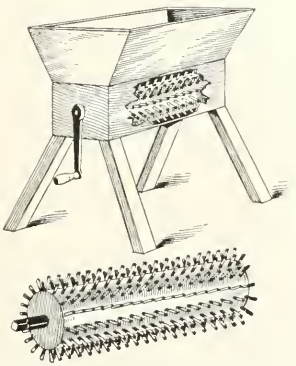
S. B. Faulkner is fast building up a prosperous business. His experience in floriculture has extended over a period of thirty-five years, beginning in England when he was but 13 years of age. He came to America in 1882 and entered the employ of A. Donaghue, Sr., of this city, for whom he was foreman for ten years, only leaving him to establish his present business. He has already nearly 10,000 square feet of glass, and contemplates the building of another large house next spring. His three sons are all engaged in the business with him. The oldest son enters the employ of H. A. Dreer in September.

J. AUSTIN SHAW.

MANURE AND SOIL CRUSHER.

The accompanying engraving shows an inexpensive home made manure and soil crusher used by Stollery Bros., Argyle Park, Chicago. It is used mainly for making manure fine for mulches, but is also used for making lumpy soil fine when this is necessary.

The cylinder consists of a section of round fence post into which a lot of spikes have been driven, and the box containing the cylinder is open at top and bottom. The manure or soil is thrown into the hopper, the crank turned, and it drops out at the bottom well broken up. They used to work their manure for mulches through a wire mesh, but this made a great deal of work and they have found the apparatus illustrated a very great saving in labor.



Manure and Soil Crusher.

If it is wished to have the manure very fine spikes can be driven in through the sides of the box, arranging the row so that the teeth will pass between those on the roller. This will tear it up very fine.

CHICAGO.

The Market.

The supply continues to shorten somewhat and demand to apparently increase. Good tea roses are hard to get, and the best bring as high as $4, though the bulk are sold at $2 to $3, and some as low as $1. Carnations range all the way from 50 cents to $1.25, a small quantity bringing the top price, while the majority go at from 60 to 75 cents. Asters are coming in freely, but move rather slowly. There are sweet peas in abundance. Common ferns are getting rather scarce again.

All the dealers report business somewhat better than usual at the season, though several find plenty of time to rest and gossip. All have confidence in an extra good business the coming season.

Club Outing.

The Milwaukee trip is the next on the list and will be taken next Thursday, August 11. The Virginia has been selected and she will leave the Goodrich dock at 9:00 a. m., arriving at Milwaukee at 2 p. m., and reach Chicago again at 10 p. m. The party will be taken charge of by the Milwaukee florists on arrival there and they will endeavor to make it pleasant for the visitors. A special rate of 85 cents for the round trip has been secured. Tickets may be had of Mr. Edgar Sanders or at any of the wholesale florists. Bring your family and a well filled lunch basket with you and make a jolly day of it.

An effort is being made to induce the wholesalers to close on that day so all may take the trip.

To Omaha.

The special rate of $14.75 for the round trip to Omaha should insure a large delegation from Chicago and vicinity to the convention. It is a splendid opportunity to enjoy the double attraction of the convention of the national society and the great Trans-Mississippi Exposition, at a very moderate outlay.

The Chicago Florists' Club will have a special car on the Burlington train leaving Chicago at 5:50 p. m., Monday, Aug. 15, and reaching Omaha at 8:10 a. m., Tuesday, Aug. 16, the opening day of the convention. A circular issued by the committee of the Florists' Club of Philadelphia announces that the delegation from Philadelphia and other eastern points will arrive over the Pennsylvania road at 5 p. m., August 15, and will travel on the same train with the Chicago party from here on. The parties from Buffalo, Cleveland, Detroit, Milwaukee and other points will also center here and travel on the same train. It promises to be a very large and very jolly party.

A large number of berths have already been reserved in the special car of the Chicago Florists' Club. Others desiring berths reserved should address G. L. Grant, 334 Dearborn Street.

A Hail Storm.

Last Thursday evening a severe storm passed over Chicago and in places there was a heavy fall of hail. Some of the florists suffered serious losses. About seven-eighths of the glass in the Reissig greenhouses at Riverside was broken, making practically a clean sweep. The Garfield Park Floral Co. lost 13,000 feet out of their total surface of 16,000 feet, with no insurance. At Mr. E. Weinhoeber's place on the north side over 3,000 square feet were broken, and this included a lot of heavy ribbed glass three-sixteenths of an inch thick on his main show house. This will show the size and force of the hail. Mr. Wienhoeber carried insurance in the Hail Association. Palms suffered less than might be expected from the hail and broken glass, but a

batch of rubbers looked as though they had been with Cervera. On the west side Swain Nelson & Sons lost 1,500 feet of glass, while it was nearly a clean sweep for H. N. Bruns, H. Schiller and H. F. Halle. Vaughan's greenhouses at Western Springs lost some 3,000 lights of glass.

In the last issue of The Review appeared an engraving of some greenhouses at Auburn, N. Y., that had been riddled by hail, and the local unfortunates say the picture was surely true to life. They have had the real thing to compare it with.

Various Notes.

Edw. E. Peiser, of Kennicott Bros. Co., is enjoying a week's vacation at Spring Lake, Mich.

W. E. Lynch has returned from his eastern trip.

Bassett & Washburn have had their store repainted and the walls tinted, making it very bright and attractive. Mrs. Horton reports excellent business. Mr. Washburn is expected back soon from his Colorado trip. Mr. Bassett is still at Delavan Lake.

Chas Dickinson, of E. H. Hunt's, is enjoying a second honeymoon, his wife having arrived from the Pacific Coast.

E. H. Hunt is still gaining strength and is able to be at the store a short time each day.

Kennicott Bros. Co. are much gratified at the way business has held up during the dull period and believe the coming season's business will be a record breaker.

Archie Spencer, of Reinberg Bros., also has great confidence in the outlook for the coming season and will be much disappointed if it does not run far ahead of last season.

Flint Kennicott is still living at his place at The Grove, but comes to the city every day.

Mr. H. F. Halle is still receiving applications for position as palm and orchid grower and desires us to state that he does not wish further applications.

Joshua Brooks, a son of Samuel Brooks, the pioneer florist of Chicago, died July 26 aged 80 years. He was with his father when the latter built the first greenhouses in this city at the corner of Clark and Adams Sts., but later he started a book store in Galena and was in business there for many years.

Walter Mott, representing H. A. Dreer, Philadelphia, was a recent visitor, and when he left was headed west toward Omaha.

Bowling.

Following are the scores made at the alleys last Friday evening:

							Av.
G. L. Grant	135	176	158	130	160	...	151
A. Kohlbrand	96	120	203	139	167	153	146
E. Winterson	162	154	164	140	129	89	139
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YOU will make a mistake if you do not have an adv. in our Convention Number, to be issued August 18.

THE FLORISTS' REVIEW

G. L. GRANT, EDITOR AND MANAGER.

PUBLISHED EVERY THURSDAY BY

THE FLORISTS' PUBLISHING CO.

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FLORAL ARRANGEMENTS.

In an early issue we shall inaugurate a new department in which will be given weekly the very latest fashions in floral arrangements in New York.

And the florist in charge of this department will be prepared to answer any questions asked by our readers regarding floral arrangements and decorations.

We believe this department will be very useful to our readers.

BOSTON.

Review of the Market.

The past week has been quite an agreeable surprise all around, and actually was a reminder of the busy season. Manager Walsh, of the co-operative market, reports that stock has been cleaned up nearly every day, the demand being for funeral work mostly, of which there is quite a lot, owing to the demise of two or three very prominent men.

Roses, as usual, have first call, and the supply has shortened up very considerably, owing partly to a long spell of disagreeable weather and a demand from the prominent summer resorts. Brides and Maids sell easily at from $4 to $6 per hundred. Kaiserins are scarce and good blooms are snapped up quickly at $8; seconds easily bring $6. Red roses are decidedly scarce, especially Beauties, which are selling from $1 to $4 per dozen. Carnations are plenty, but the majority are still from the inside, 50 cents per hundred being the ruling price.

Out-of-door stock is of superior quality and eagerly sought at from $1 to $1.50 per hundred. Valley in ample supply; held at $4. Sweet peas plenty, quality very poor; selling price $1 per thousand. Asters are in good demand, especially whites, which easily bring 50 cents per hundred. Pond lilies are plenty, without much call. Candytuft, feverfew and flowers of that nature are selling well, owing to the demand for white flowers.

The Weekly Exhibition.

The show of the Horticultural Society on Saturday abounded with a profusion of seasonable bloom, and with the attractive exhibition of mushrooms, made by the Boston Mycological Club, was heartily enjoyed by the many visitors. Prizes were awarded for antirrhinums, W. H. Lincoln obtaining first and John Jeffries second. Geo. Hollis made a fine display of perennial phlox and obtained second prize, while T. C. Thurlow was awarded a gratuity. Prizes were also awarded for native wild flowers, the first going to Mrs. W. S. Eager, second to Mrs. D. P. Richards, third to Miss Genevieve Doran. There were four other exhibitors, making quite a show of natives. Jas. Comley made a fine display of seasonable blooms and was awarded a gratuity, as was also John L. Gardner for a display of the common tiger lily arranged with perennial phlox. Mrs. E. M. Gill and Rea Bros. were awarded gratuities for excellent displays of seasonable bloom. Mr. W. D. Huntingdon, of Lynn, Mass., exhibited a dish of high bush blueberries, showing the vast improvement that can be made by superior cultivation, as compared with those grown wild in the fields.

News Items.

The old guard, consisting of W. W. Edgar, W. J. Stewart, E. E. Hatch, M. Norton, Lawrence Cotter and others, to the number of about twenty, had an enjoyable outing for a couple of days at Old Orchard, Me., being the guests of P. and Ned Welch.

F. H. Houghton, of Houghton & Clark, has gone on his annual tour to Newport, as assistant to Miss S. Fadden, and Tom Clark made a flying visit to help them out on the occasion of a swell dinner given in honor of the Italian prince.

All the old-timers about Boston will regret to learn of the death of Jim Barrett, for years a trusted employee of the late firm of C. M. Hovey & Co., of Cambridge. P.

NEW YORK.

The Market.

These are dull, uneventful days and to mention prices is like shaking the proverbial "red rag," and there's war enough at present. New crops of roses of the old varieties are coming in and the market will soon be swamped with heaps of Maids, Brides and Beauties, with the wholesaler at the mercy of the Greeks and Turks. There is a vast amount of patience exercised by the growers in the production of flowers, but very little in the sale of them. The New York flower buyer will take no excuse for poor flowers. He simply laughs at you when you tell him there are no fine roses to be had, and he rarely buys the best you can offer him at these times. He is used to having the finest and he knows no differences of season.

There was quite a demand for orchids the past week or so, but there were none to be had aside from a few Cypripedium Lawrenceanum and Den-

drobium Phalaenopsis. Lilium auratum is plentiful and is used to a greater extent that ever before. In fact, aside from gladiolus and asters, it is the only flower seen in the florists' windows at present.

The Kaiserin is about the best rose in the market just now. At Thos. Young's they are receiving flowers with stems like those of Beauties. Walter Sheridan is handling the only novelty on the market. It is a fine new cerise colored carnation named after Maud Adams, the popular actress, and it is very promising. We hear very little about novelties, and it looks as though we will have to rely upon the old standbys the coming season.

Funeral Designs.

The funeral of the late Sergeant Hamilton Fish, Jr., who was killed at Siboney, Cuba, took place here July 29. There were about fifty floral designs, including some very beautiful wreaths. One was a crescent wreath containing a thousand Valley and a cluster of Victoria roses, tied at the broad part with a large bow of white satin ribbon. Another crescent wreath was of solid purple asters, with two cycas leaves tied at one side and a large cluster of valley and Cypripedium Lawrenceanum tied with broad white ribbon where the leaves were attached to the wreath. An immense broad wreath of Lilium auratum tied with wide white ribbon was very imposing, and a very pretty wreath was made of Nymphaea odorata and a cluster of Dendrobium Phalaenopsis, with a bow of white ribbon.

It was most remarkable that all the arrangements sent to this funeral consisted of wreaths and bunches. Many of the wreaths were poorly arranged, though coming from some of the "palaces" or "Bon Ton" stores of this city. It is more than likely the artists of these establishments were away on vacations. When purple asters are tied in strings in the center of cycas leaves some one must be trying hard to be original. A great many of the designs were tied with American flags and red, white and blue ribbon. All the flowers were afterward sent to the wounded soldiers now in the city's hospitals.

Various Notes.

J. M. Thorburn & Co., the noted seedsmen, until lately at 15 John street, have removed to their spacious new store at 36 Cortlandt street, immediately opposite that of Peter Henderson & Co.

Wm. E. Hearne, with the Kemble Floral Co., Oskaloosa, Iowa, is an old-time New Yorker, and was recently here on a visit. Mr. Hearne was surprised at the size of this village, but says the boys out west are moving and that visitors to the S. A. F. convention will be agreeably surprised. Apropos of this, I may say it is hard to get anyone here down to a positive statement that he is going to Omaha. The great distance is the trouble, nevertheless it is expected that quite a few will be mustered up when the last bugle is sounded. Let us have the convention of 1899 in New York city and it will be the greatest the society ever had.

Herbert Spavins, secretary of the Westchester County (N. Y.) Horticultural Society, was in to see us and reports a good business in his section. The above society has given out several hundred double Gen. Grant geraniums to the school children in the several small towns and villages situate in the Hudson valley, and have offered forty dollars in prizes for the best plants, which are to be exhibited at the society's fall show to be held in Mount Kisco, N. Y., in November. This is an example to every society in the country. D.

BUFFALO.

There is really little worth reporting, only I feel that if I do not write a word from this much spread out, asphalt town one or two of my friends may think that I am poorly, alias sick, alias fractured frame, or punctured tire.

A very recent shower of three hours' duration makes us feel kinder towards all nature, including the weather and although wetting things in general but skin-deep, it makes us frown on the ills of fortune with a relaxed grimace.

The meridian of the florists' slough of despondency is over and from now on we shall expect a slow but gradual increase in business. The torrid July just passed will long be remembered, not only as having a very high average temperature and extreme drought, but an almost total cessation of florists' sales, and I don't blame the public a bit for taking a rest, but soon a change will come, flowers will be of some value and an increased quality will attract buyers. The extreme lowest point in the dull times occurred at 3 a. m., July 31st, for 54 years ago at that hour and date began the first edition of Miscellaneous Seasonable Hints.

The only place in town that would lead you to think there was business going on is at Mr. Wm. Kasting's wholesale depot. It is wonderful to see almost tons of asters, gladiolus, tuberoses and carnations, and roses in smaller quantities. You would think at 9 a. m. that it was a much congested establishment, but by noon they have disappeared, showing that although we all complain, there is in the aggregate a good deal of business done even if it is cheap.

G. Sebastian Pickleman, the late president, vice president, secretary, treasurer and general manager of the Buffalo Cutflower Exchange, has sold out the business to Wm. Kasting. There is not much to sell in a wholesale florist's establishment at this time of year except the good will and ice box. Billy K. says he will get the ice box in easily enough, but the entrance of the good will, will, Will says, compel him to take down his whole front.

Great times are expected at our outing tomorrow, the 3rd. How we will masticate those creatures that think they can play ball. We are a family of ball players and when too old to run bases make excellent umpires, but I must not anticipate, only my pen longs to give you a faithful story of our fun.

Mr. and Mrs. John Walker, of Market street, Philadelphia, were here yesterday and unfortunately, for me, I did not meet them. I regret it very much for John and his little wife deserve all the courtesy that we are able to extend. We may meet today "on that beautiful shore," Ontario.

It seems now that the few who will go to Omaha from here will travel to Chicago as cheap as they can, consistent with comfort, and there join the big crowd from that city, who it appears have a most reasonable rate to Omaha and return. The journey is half the thing. When you go anywhere for a holiday, make up your mind to begin to take things easy and comfortably just as soon as you have kissed the old lady goodbye. If we could have a week or two of low temperature the attendance in the west would be much larger and that's not fancy. W. S.

TO MY FRIENDS AND CRITICS.

My query about the fertilization of cucumbers has been answered fully. Much obliged, especially to my townsman, Mr. Harry Swift, who wrote so courteously, but I don't like that man who wrote something about it in a contemporary of last week. Such remarks pain me awfully. I told him that this was the very end of the crop and the little picture was merely one remote corner. It appears that it was not very clear who grew the "cucks." They were on my own little farm. Of the hundreds of dozens that were cut averaging 20 inches, not 10 per cent were deformed or had that "bulb" on the end. They were as straight as the proverbial Mauser rifle barrel and of a uniform thickness, and hundreds of them had been pollinated, while the bottle nosed ones seen in the picture were left to the agency of air and insects, so I shall do just as I like about lying in bed in spite of "G. J."

Another contemporary publishes over the signature of "Job," which is doubtless an abbreviation of "Just out Bedlam," a stricture on what I meant for the purest admiration of my friends in Philadelphia. This J. O. B. takes exception to the remark, "and the great majority attend conventions without any axe to grind." If there were a thousand men in attendance at a convention with an axe to grind I would glory in it. Any man who goes to the convention to do business, no matter whether he offers a boiler, flower-pot, palm, bulbs or any other floral requisite has an axe to grind. The trade department of our convention is an essential and worthy part of it and it would be sadly lacking without it, yet when you have an incentive to go in the way of business

you will be likely to attend. More credit is to be given to the man who spends his time, his money and ability by his presence at all conventions without seeing any pecuniary gain, but the far greater satisfaction that he has enjoyed the fellowship of his brother florists, and there has been a mutual time of pleasure and indirectly of profit to the man who attends the convention and has something to sell, has an honest axe to grind, in spite of any sickly moralizing by Job, or anybody else. W. S.

ST. LOUIS.

The Market.

The condition of the cut flower trade remains about the same as last reported; even funeral orders have been lost sight of the past week.

There is considerable new rose stock coming in at present. Prices on roses are from $2 to $3, some extra fine stock going as high as $4 and $5. Beauties have quite a call, but supply is short. Extra long stems are quoted at from $8 to $15, but the majority go at $2 and $6.

Carnations are poor and not overpleutiful; price opened this week at 75 cents and $1. Sweet peas have been a drug and only white and pink sell at 15 cents per 100; others as low as 10 cents. Asters are selling well and the market is not overstocked; price $1 per 100. Hardy hydrangeas are coming in now and will help out considerably when one has lots of funeral work; price $3 per 100. Plenty of gladiolus stalks are going to waste at the wholesale houses.

The Florist Club.

The members of the Florist Club are requested to attend the next meeting of the club without fail, as the election of officers for the ensuing year will take place; also all florists who expect to go to Omaha should then hand in their names. The meeting will be held on Monday night, August 8, at 7:30 p. m. sharp.

St. Louis to Omaha.

The St. Louis Florist Club has arranged to travel by the Missouri Pacific railway in a special car, train leaving St. Louis Sunday night, August 14, at 8:25, at Union Station. The fare for the round trip will be $13.50; sleeping car $5 extra for round trip. Those wishing to take advantage of this low rate will remit to John W. Kunz, 822 Olive street, on or before August 12. There are now eighteen names in the hands of Mr. Kunz, and we expect to make it twenty-four by meeting of the club.

Notes.

Prof. Wm. Trelease, of the Missouri Botanical Gardens, is back from his trip abroad, feeling in the best of health. The professor expects to go to Omaha with the boys, if business will permit.

Frank Ellis, of the St. Louis Cut Flower Co., returned home Sunday morning from his two weeks' trip through Missouri. Frank made the longest stay at Slater, and expects to visit that town as often as he can.

Mrs. E. C. Buechel, of the Riessen Floral Co., left Monday evening for Okauchee Lake, Wis. Mr. Buechel will join his wife at the same place Saturday to spend the summer. On their way back they will call on their many friends in Chicago.

C. Young & Sons. Co. are repainting and decorating their store and making many changes. Mr. John Young and daughter will leave in a few days for Atlantic City, N. J.

Mr. Walter Mott, one of Billy Scott's "Blooming Buffalo Bowlers," is in the city on his way to Omaha. Mr. Mott represents H. A. Dreer, of Philadelphia. He reports trade good in his line.

Bowling Items.

The Bowling Club on last Monday night ended its July series of thirteen games. J. J. Beneke wins the average medal and J. W. Kunz the high score medal. Following are the scores and averages:

Names.	No. Games.	Total.	Average.	High Score
Beneke	13	2095	161	218
Schray	10	1583	158	198
Kuehn	13	2072	152	247
C. Beyer	10	1510	151	189
Helwig	6	892	149	183
Kunz	13	1917	147	220
Weber	6	842	135	172
Sanders	13	1661	128	168
J. Young	8	980	122	174
F. Fillmore	13	1476	113	165

The cool night on Monday brought out ten bowlers, who rolled four games. Walter Mott was a visitor and rolled with the boys. The scores and averages of the four games will be found below, and I think they are pretty good for "hard alleys." We will not bowl next Monday, as the club meeting is on that night.

Names.	1	2	3	4	Total.	Av.
C. A. Kuehn	177	224	203	165	769	192
E. Schray	169	150	186	134	639	159
J. J. Beneke	175	156	120	179	630	157½
Carl Beyer	196	158	157	113	624	156
John Young	....	163	134	173	470	156
R. F. Tesson	154	151	157	125	587	149
J. W. Kunz	113	161	167	140	581	145
W. Mott	159	140	121	147	567	141
C. C. Sanders	184	140	113	112	549	137
F. J. Fillmore	115	120	110	99	444	111

J. J. B.

PHILADELPHIA.

The Market.

The market continues dull, the demand being confined chiefly to white flowers. Kaiserin continues to improve in quality. The selected grade is excellent. Carnot makes a pretty companion rose for Kaiserin and should become a fair summer sort. It is rather too easily bruised to be perfectly satisfactory. Asters are becoming more plentiful. The great improvement in hardy phlox gives promise that this flower will appear as a candidate for favor in the summer cut flower market of the future.

Notes.

Chestnut Hill Park proves wonderfully attractive this hot weather, especially to the working men of our great city. Quite a lot of planting was done at this park. Coleus is much favored.

Rather a curious factor entered into the competition for this contract. The company in asking for bids, specified that the stock must be grown in pots of certain sizes, which were named, and must be ready for planting May 10, if required. Of course this only applied to geraniums and to plants of that degree of hardiness, as nobody would be foolish enough to risk planting coleus outdoors for at least ten days after that time.

It afterward appeared that most of the stock was not required until about the 10th of June. This fact was probably known to the successful bidder at the time; the company overlooking the difference twenty or thirty days would make. All the best 4-inch plants for early orders can be gotten out of the houses the second week in May and the space filled by shifting up small stuff, which by June 10th should be quite as good as the first batch was a month before. This second lot can be profitably sold at twenty per cent lower than the price of the first batch. Florists desiring to bid successfully for such contracts in the future should make a point of finding out whether the time clause will or will not be strictly enforced and base their calculations accordingly.

Edward Heacock is remodelling a private greenhouse for W. W. Frazier of Jenkinstown and building another for that gentleman's son.

The flag made of plants on the island at Chestnut Hill Park has been replaced by one made of electric lights.

Robert Craig is going to the convention. J. W. Y.

PITTSBURG.

The Pittsburg Cut Flower Company, Limited, has been organized, and will carry on an exclusively wholesale business in cut flowers. The officers are: Fred Burki, president; Theodore P. Langhans, secretary; William A. Clarke, treasurer. Mr. Burki is the well known grower of Bellevue. Mr. Langhans was formerly of Langhans & Co., Allegheny, and Mr. Clarke was with Elliott & Ulam, of this city. Location has not yet been selected, but it is intended to have the business in operation by September 1. This will be the first wholesale cut flower commission house in Pittsburg. The standing of the men connected with the new venture will undoubtedly assure success.

KEROSENE EMULSION.

Replying to "R." the formula for kerosene emulsion is as follows:

One-half pound hard soap.
Two quarts kerosene.
One gallon hot water.

Stir with a syringe till the whole is curdled. When cool and well mixed it will be quite thick. When using reduce fifteen times in water. W. S.

WANT ADVERTISEMENTS.

TO RENT—Ten greenhouses for cut-flower growing, within 12 miles of Chicago. Glass in good condition. For further information address Rex, care of Florists' Review.

SITUATION WANTED—By practical florist. German, age 27. 12 years' experience in palms, ferns, pot plants in general. Good references. State terms. Address L. K., Florists' Review.

WANTED—Single man of good steady habits, who understands rose and carnation growing, also to assist at other work sometimes. For further particulars address F, care of Florists' Review.

SITUATION WANTED—By a first class grower of roses, carnations and 'mums and general stock, can give reference from three of the largest growers in Pennsylvania. Ten years' experience. Address J. R., care of Red Rock Rosary, Foster Brook P. O., McKean Co., Penn.

SITUATION WANTED—By carnation grower, 15 years' experience, 5 years with last employer. Address D., care Florists' Review.

FOR RENT OR SALE—First class retail stand. 5,000 feet of glass. New. In city. Ought to net good man at least $3.00 per day. Must buy stock, about $500.00. Reason for selling, failing health. Address "Illinois," care Florists' Review.

FOR SALE—First class florists' store in Chicago. Excellent trade, established fifteen years. Owner desires to devote his whole time to other business. An unusual opportunity. Address Max, care of Florists' Review.

WANTED—Young German florist for growing pot plants. Art Floral Co., 3907 Cottage Grove Ave., Chicago, Ill.

WANTED—Young man, single, German preferred, who understands growing roses, carnations and violets. References required. Establishment two miles from Washington. Good wages. Address W. H. K., Langdon, D. C., Box 6.

WANTED—Traveling salesman to introduce the Kraft Plant Tonic to florists. Must be a grower and familiar with plants. Address Kraft Plant Tonic Co., Rockford, Ill.

FOR SALE—About 3,000 feet 4-inch cast iron greenhouse pipe in 5-foot lengths and fittings, also 4 000 lights A glass, 10x12, all in good condition. Make me an offer for the lot, F. O. B. cars here. T. Appleton, Lake Forest, Ill.

FOR RENT—To reliable party, the old establishment, consisting of 11 greenhouses, 16,000 feet of glass, newly built; also store. Finest location in Chicago. Cause, poor health, Garfield Park Floral Co., 1688 W. Madison Street, Chicago.

FOR SALE—Four greenhouses, nearly new. Good retail stand, in residence district, on paved street leading to cemetery. Must retire on account of health. A. Claus, 501 N. 4th St., Springfield, Ill.

SITUATION WANTED—By expert grower of plants and cut flowers. Competent in every department. Seeks a situation where he may have a chance to make his services worth more than in his present place. Can surely advance his employer's interests if given suitable opportunity. Address S. D., care Florists' Review, Chicago.

FOR SALE. On Long Island. Good business in a thriving town: Dwelling (including store) and four large Greenhouses; centrally located. **Address Bargain, care Florists' Review.**

Mention The Review when you write.

WANTED. —Cheap for Cash—No. 16 or 17 HITCHINGS BOILER, in good condition.

Also, good SECOND HAND GLASS, 16 x 20.

Address S. E. S., care Florists' Review.

Mention The Review when you write.

Field Grown Carnations All the best varieties ready in September

GEO. HANCOCK & SON, Grand Haven, Mich.

Mention The Review when you write.

Always Mention the....

Florists' Review

When Writing Advertisers.

Greenhouse Woodwork

Open-air-dried Cypress Lumber is more durable, and better suited to Greenhouse conditions than kiln-dried stock. But you cannot get it from those that are engaged in the business in a small way—even though their entire business is confined to greenhouse material—for it takes a long time for the lumber to thoroughly dry and this means an investment in lumber that only those of large capital can make. The only way to have air-dried lumber is to buy green lumber and hold it until it dries. Those that order dry lumber from the producers of Cypress get kiln-dried stock. It is cheaper for them to kiln-dry than to hold the stock long enough to season it in the open air. We carry a large stock and fill all orders with open-air-dried Cypress clear of knots, sap and all other defects.

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LOW DOWN BUDDED ROSES

grown, a block of a quarter of a million, besides a fine lot of one and two year on own roots, all in nursery rows and about a million ever-blooming under glass. General line of Ornamental Trees and Shrubs, unexcelled in quality and quantity. Correspondence and personal inspection solicited. . . . .

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J. M. THORBURN & CO.

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CATALOGUE OF BULBS AND CHOICE FLOWER SEEDS for Florists now ready and mailed free on application.

Mention The Review when you write.

25,000 SMILAX.

Extra Strong Plants, out of 2-in. pots, ready for immediate planting, at the lowest price ever yet quoted—$1.00 per 100, $8.00 per 1,000. Cash with order. Bear in mind this is strictly first class stock and there is a large saving in freight buying out of 2-in. pots. First come, first served.

SOUTH SIDE FLORAL CO.,

SPRINGFIELD, ILL.

Mention Florists' Review when you write.

CARNATIONS — Choice Jubilee and Flora Hill, in 3-inch pots, $4.00 per 100.

ROSES — Brides, Belle Siebrecht and Meteors in 3-inch pots. Maids, Brides and Beauties in 2½-inch pots.

SMILAX, in 3-inch pots, $3.00 per 100.

Send 50c or $1.00 for samples and prices to

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Mention The Review when you write.

For Sale.

FLORIST'S PLACE,

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Address H. D. C., care Florists' Review.

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FERNS

Pteris Tremula, ready to shift into 4-inch, $3.50 per 100, $30.00 per 1,000.

P. Cretica Albo-lineata, $3.50 per 100.

N. Davalloides furcans, $10.00 per 100.

R. Witterstaetter, Sedamsville, O.

Mention The Review when you write.

COMMISSION DEALERS NOT BROKERS.

Some time since we received an inquiry from a wholesale commission dealer in cut flowers as to whether he came under the head of "Commercial Brokers" named in the new revenue law and was therefore obliged to pay the annual fee of $20 under the law. One decision of the Treasury Department ruling that a firm which received cattle for sale on commission was a commercial broker within the meaning of the law indicated that the commission dealer in cut flowers might also be included, but the following ruling, under date of July 27, makes it clear that they are exempt.

Treasury Department, Office of Commissioner of Internal Revenue, Washington, D. C., July 27, 1898.—Sir: In reply to the letters addressed to you by M. E. Clarendon & Son, 78 and 80 Gold street, New York, and by Mr. A. H. Ammidown, 296 Broadway, New York (which you referred to this office on the 21st instant), will you please inform them that it is held by this office that merchants who receive goods into their possession for sale on commission are not commercial brokers within the meaning of the fourth paragraph of section 2 of the act of June 13, 1898, and are, therefore, not required to pay special tax under that paragraph.

It is further held that warehousemen, who receive tobacco, cotton, or any other produce or goods on consignment, for sale on commission, are not liable as commercial brokers under this section.

Auctioneers, who receive and sell goods at their auction rooms or on the premises of the owners, on commission, are not subject to special tax as commercial brokers under this act; nor are cattle brokers who receive and sell cattle on commission.

An earlier and contrary ruling on this point has been reconsidered and revoked.

Respectfully yours,
N. B. SCOTT, Commissioner.

MR. CHAS. H. TREAT,
Collector Second District, New York.

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Mention The Review when you write.

KENNICOTT BROS. CO.
WHOLESALE CUT FLOWERS
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88 WABASH AVENUE,
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Carnations, Violets and Valley, Specialties.
Full Line of Wire Work.
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Wholesale Growers of and Dealers in CUT FLOWERS
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51 Wabash Avenue,
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...Wholesale Florist...
The right kind of stock, packed in the right way, delivered at the right time, and at the right prices
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Telephone 1496
Wholesale Florist
4 Washington St., Chicago.
In our new and enlarged quarters we are better prepared than ever to handle your orders.

Full Line of Wire Designs and Florists' Supplies
S. B. WINTER
Successor to Winter & Glover
Write for Illustrated Catalogue.
21 Randolph St. CHICAGO.
HIGH GRADE Cut Flowers
Properly Packed and Promptly Forwarded.

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Wholesale Florists
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SUCCESSORS TO
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WHOLESALE GROWERS OF Cut Flowers
All telegraph and telephone orders given prompt attention.
51 Wabash Ave. - CHICAGO.
Mention Florists' Review when you write.

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Wholesale Florists,
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Telephone .....Main 3208
Agents for..... HINSDALE ROSE CO.
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88 and 90 Wabash Ave., - Chicago
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Cut Flowers and Florists' Supplies.
Manufacturer of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.
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Wholesale Florists
E. H. MICHEL
1620 Olive St., St. Louis, Mo.
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Send Advs. NOW for our Convention number To be Issued Aug. 18
EXTRA CIRCULATION, BUT NO INCREASE IN RATES.

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600,000 FEET OF GLASS.

WHOLESALE GROWERS OF CUT FLOWERS.

We can fill all orders on short notice with all leading varieties of Roses and Carnations. We are headquarters for fine AMERICAN BEAUTIES. Give us a trial and convince yourself.

Write for Prices on ROSE PLANTS. 51 Wabash Avenue, CHICAGO.

Lilium Harrisii.

5 x 7, $37.50 per 1,000, $4.00 per 100. 7 x 9, $75.00 per 1,000, $8.00 per 100.
Terms 90 days to customers of approved credit; otherwise, cash with order.
Prices on all other Bulbs and Roots cheerfully given.

F. W. O. SCHMITZ, - - JERSEY CITY, N. J.

$18.58 FOR $12.50.

88	3-inch	Pres. Carnot	5c	$1.40
78	2½	"	4c	3.12
41	2¾	"	3c	1.23
15	3	" Wootton	3c	.45
28	2¼	"	2½c	.70
25	2¾	"	2c	.50
45	3	" Meteor	3c	1.35
10	2¾	"	2c	.20
21	3	" Perles	3c	.63
180	2½	"	2½c	4.50
50	2¾	"	2c	1.00
25	2¾	" Brides	2c	.50

Any above lots at prices given. The whole 540 Roses for $12.50. Cash with order.

H. L. PHELPS, Springfield, Ill.

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That's what they call me.

FRESH SEED NOW READY.

J. B.'s Challenge is all that the word implies. Try it. Large trade packet $1.00 cash.

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Bougainvilleas, Glabra and G. Sanderiana

Beautiful for cut sprays or pot plants, easily managed in all stages of growth.

From 2½-inch pots,	$1.50 per doz.	$10 per 100.	
" 4-inch "	2.50 "	20 "	
" 5-inch "	3.50 "	30 "	
" 8 to 10-in. "	1.50 to $2.50 each.		

Seven plants mailed for One Dollar. Cash with order.

THEO. F. BECKERT,

9 miles below Pittsburgh. Glenfield, Pa.

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Rose Plants.

Brides, 3½-inch	$4.00 per 100
Bridesmaids, 3½-inch	4.00 "
Meteors, 3½-inch	4.00 "

Healthy, vigorous plants; grown for our own use. May be returned at our expense if not satisfactory.

BRANT & NOE, FOREST GLEN, ILL.

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ALLEN'S DEFIANCE MIGNONETTE.

A fine lot of Fresh Seed now ready.

Also 10,000 Asparagus Plumosus Nanus, in 2-inch and 3-inch pots. Write for prices.

SAMUEL FEAST & SONS,
228 N. Charles St., BALTIMORE, MD.

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PANSIES Worth Raising,

New and Reliable Seed, of our well known variety.

3-16 oz.... $1.00 1 oz.... $4.00 Cash with order.

C. SOLTAU & CO.,
199 Grant Ave., JERSEY CITY, N. J.

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CARNATIONS.

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THE OMAHA EXPOSITION

IS REACHED DIRECT BY THE MISSOURI PACIFIC RAILWAY

If you are going to attend (and it will be what you can ill afford to miss), you will find this the best line to take.

WE OFFER
SUPERIOR EQUIPMENT,
PULLMAN BUFFET SLEEPING CARS,
RECLINING CHAIR CARS
(SEATS FREE) AND THE
ONLY LINE DIRECT TO THE GROUNDS.

SEE Agent for further particulars.

C. G. WARNER, Vice-President,
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Correspondence Solicited

ORCHIDS

Imported and established stock of A1 quality always on hand, also a complete line of best Cherry Wood Baskets, Fresh Moss and Peat, etc.

ARRIVED, IN FINE CONDITION.

Oncidium Varicosum Rogersii, $15.00 per dozen.
Oncidium Kramerii, $15.00 per dozen.

Lager & Hurrell, Growers and Importers.... Summit, N. J.

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ROSES. ROSES.

Strong, Healthy Stock, such as we use for our own planting.

300 PERLE 100 METEOR 300 SIEBRECHT 135 Pres. CARNOT 400 TESTOUT 150 BRIDESMAID	3-inch pots, $5.00 per 100.
300 BRIDE 500 PERLE	2-inch pots, $3.00 per 100.

L. L. MAY & CO., ST. PAUL, MINN.

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FORGING ROSES.

	Per 100, 2½-inch.	Per 1000, 2½-inch.	Per 100, 3½-inch.
BRIDE	$2.50	$22.50	$4.00
BRIDESMAID	2.50	22.50	4.00
METEOR	2.50	22.50	4.00
KAISERIN	3.00		

MOON VINES, $20.00 per 1000.

THE NATIONAL PLANT CO.,
DAYTON, OHIO.

Mention Florists' Review when you write.

Tobacco Stems, 100 lbs., $1.00. Full Bales (about 225 lbs.) 75c per 100 lbs.

Bone Meal, (absolutely pure) per 200-lb. bags, $3.50; per ton, $27.50.

Cane Stakes, (extra long) $4.00 per 1000. 3000 for $11.00.

W. W. BARNARD & CO.,
161-163 E. Kinzie Street, CHICAGO.

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NEW AND SECOND-HAND MATERIAL

purchased from Sheriff, Receiver, and Assignee sales at less than one-half prices. Pipe and Fittings, Hose, Florists' Wire, Hot Water Heaters, Greenhouse Boilers and Engines, Rope, Light Wrought Iron Pipe, Glass Sash, and thousands of other articles, for sale by

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Largest Mail Order Depot for New and Second-Hand Material in the World.

W. 35TH & IRON STS., CHICAGO.

Write for our free illustrated catalogues.

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GRAND RAPIDS, MICH.

Trade dull, flowers scarce, orders depressed, grasshoppers a glut, cannot dispose of them at any price and a severe drought on hand that would do credit to the desert of Sahara, are the conditions at present.

Greenhouse Changes.

Henry Smith has built a new violet house 170x10 and has commenced a carnation house 250x26. He has torn down and rebuilt in modern style three of his old rose houses, making modern houses of them. All his paths, unless in the violet house, are next the walls.

The old style of building benches against the walls is fast disappearing in this section as is very forcibly demonstrated by Crabb & Hunter in their new violet range of sash houses. They are 12 feet wide and all the paths are at the side, with no partition between them, an entirely new departure in building narrow houses. Their new range consists of one carnation house, 130x30 feet and five Marie Louise houses 130x12 feet each, with 7 feet wide benches in the center, an increase of 16,000 square feet of glass.

They have torn down a 150x12 feet rafter carnation house and rebuilt with sash for a violet house; also rebuilt a smilax and one chrysanthemum house and are now getting ready to put in another boiler, as is Henry Smith also. With their new range they are now the largest violet growers east of New York. They plant their violets from 2½-inch pots in July, 9x10 inches apart and leave the sash off until danger of frost, when they are quickly put on.

The Floral Co. are tearing down three 20 feet houses running north and south and rebuilding them running east and west, running a shed along their west end, which is the east end of the remainder of their plant. This change is for convenience on the one hand and to get a south exposure on the other. Here again care is taken to put paths along the walls so as to utilize in the best possible manner growing space.

James Schols has overhauled his old houses and made some additions; also put in a new boiler.

Freyling & Mendell are widening one of their large houses 12 feet. F. A. Chapman is building a new carnation house 90x20 and rebuilding two others. Paul Goebel has given up his intention of putting up a new house this year and is confining his attention to overhauling what he has and putting in a new boiler.

NEW BEDFORD, MASS. — W. G. Kraber gave up the place at 125 Florence street, July 1, and has leased the residence and greenhouses of Geo. Brennan, 35 Tremont street. The latter will try his luck at farming on a 15-acre farm he has purchased in Shawmut.

TRY AN ADV. In the Review if you have any surplus stock to sell to the trade.

SAMUEL S. PENNOCK,
Wholesale Florist,
LONG DISTANCE TELEPHONE
1612-14-16 Ludlow Street, ...PHILADELPHIA, PA.
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ROSES- American Beauty, Bride, Bridesmaid, Perle, La France, Testout, Morgan, Niphetos, Kaiserin, 3 and 4-inch. ASPARAGUS PLUMOSUS, all sizes.
MARIE LOUISE VIOLETS, young plants, well rooted.
A. S. MacBEAN, - - - - LAKEWOOD, N. J.
Mention The Review when you write.

Roman Hyacinths,
12 to 15, per 100, $2.00; per 1,000, $18.50.
13 to 15, per 100, 2.50; per 1,000, 21.50.
Freesia Refracta Alba,
⅜ to ½ inch, per 100, 50c; per 1,000, $3.50.
FRESH SMILAX SEED, per oz., 30c; per lb., $3.00, delivered. 5 per cent. discount for cash.
H. H. BERGER & CO.,
220 Broadway,
St. Paul Building, NEW YORK.
(Established 1878.)
Send for our New Price Lists.
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PANSY SEED!
THE JENNINGS STRAIN.
It is First-Class in Every Respect.
Finest mixed in great variety of fancy colors, $1.00 per pkt. of 2500 seeds; $5.00 per oz.; 3 ozs., $15.00. Prepaid by mail.
Finest Yellow, White, Blue, Black, Red, Pink and Lavender shades, in separate colors, $1.00 per pkt. All large flowering.
CASH WITH ORDER.
E. B. JENNINGS,
Grower of the Finest Pansies,
Lock Box 254. SOUTHPORT, CONN.
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New Catalogue of all Florists' Supplies on application. For the trade only.
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White Plume, Golden Self-Blanching and Giant Pascal.
Field-grown plants at $1.00 per 1,000; $3.50 per 10,000. Cash with order. Samples free.
C. M. GROSSMAN,
WOLCOTTVILLE, IND.
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ROSES, CARNATIONS, and All Kinds of Seasonable Flowers in stock.
WM. F. KASTING, Wholesale Commission Florist.
495 Washington St., BUFFALO, N. Y.
Also Dealer in Florists' Supplies and Wire Designs.
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1432 S. Penn. Square. PHILADELPHIA, PA.
Original Headquarters for CARNATIONS.
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LONG DISTANCE PHONE 5008 A.
Consignments of Choice Stock Solicited.
Our central location enables us to fill out-of-town orders at short notice.
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GROWER OF
ARECA LUTESCENS,
COCOS WEDDELIANA,
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LATANIA BORBONICA.
Mention Florists' Review when you write

Boston Fern.
Well Grown, Leafy Plants.
8-inch pans, $1.50 each, $18.00 per dozen.
6-inch pots, $1.00 each, $12.00 per dozen.
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Upsal Station, Penna. R. R.
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SEEDS

Primula, Gloxinia, Calceolaria, Pansy, Cineraria.

We are booking orders now for the above, which will be filled promptly on receipt of the **New Crop** Seed, which is due to arrive soon. Our strains of these important Florists' flowers are unsurpassed. If you have not heretofore given our seeds of above varieties a trial, do so this year. We invite comparison with any.

READY FOR DELIVERY.

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Order now and seed will be sent as soon as **new crop seed arrives.**

Hunt's Pansy Seed has made a name because of the **quality** of the strains. We would be pleased to send our catalogue of Florists' Flower Seeds to any one in the trade. It contains a general list of all Florists' Seeds.

	Oz.	¼ Oz.	Tr Pkt.
Fine Mixed	$1.00	$0.25	$0.10
Extra Choice Mixed	3.00	.50	.15
Unrivalled Mixed, by long odds the best strain in the market	8.00	1.00	.25
Trimardeau or Giant Mixed	3.50	.50	.25
Cassier	5.00	.75	.25
Bugnot's Superb Blotched	6.00	1.00	.25

ALSO ALL THE NAMED VARIETIES.

SEEDS

	Trade Pkt.
PRIMULA Sinensis Fimbriata.	
Single, white	50c
" red	50c
" kermesina splendens	50c
" mixed	50c
Double, white	50c
" red	50c
" mixed	50c
CINERARIA Hybrida Grandiflora, large flowering, finest mixed	50c
Our Cineraria seed is known among those who grow the finest plants.	
CALCEOLARIA Hybrida Grandiflora	50c
We have a special fine stram to offer.	
GLOXINIA Hybrida, large flowering, mixed	50c

TWINE FOR TYING "MUMS." 4-ply Best Cotton. per 5-lb. sacks. 75c. 3-ply Second Grade Cotton. per 5-lb. sacks. 70c.

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CHINESE PRIMROSE ...PLANTS...

Strong and well grown, ready for 3-inch pots, acknowledged by florists as the finest strain of Primroses to be had. Single varieties in finest named colors, $2.50 per 100, $20.00 per 1,000. Double White and Red, $1.00 per 100. Extras added to help pay expressage. Adams and U. S. Express. Cash or one-half cash and balance C. O. D.

JOHN F. RUPP, Shiremanstown, Pa.
THE HOME OF PRIMROSES.
Mention Florists' Review when you write.

"JUST ARRIVED."

We have just received a fine lot of fresh Seeds of

PANDANUS UTILIS,

$6.00 per 1,000.
Last chance for our **Jardiniere Ferns** in 2¼-in. pots.

SIEBRECHT & SON,
New Rochelle, N. Y.
Mention Florists' Review when you write.

SMILAX.

Fine stock, ready to run soon as planted, winter sown and several times headed back, 2½-inch pots, $2.50 per 100.

NATHAN SMITH & SON, Adrian, Mich.
Mention The Review when you write.

50,000 Extra Strong Smilax Plants

Out of 2½-in. pots, **$1.25** per 100; **$10** per 1000. Cash with order. Address

FRED SCHNEIDER, Florist,
751 Crawford Road, Cleveland, O.
Mention The Review when you write.

E. G. HILL & CO.

RICHMOND, IND.

FINE CYCAS REVOLUTA STEMS

Sizes, 3 to 6 Lbs. 10 Cents Per lb.

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REED & KELLER,

122 W. 25th St., NEW YORK CITY.

Manufacturers of and Dealers in **WIRE DESIGNS**

FLORISTS' SUPPLIES

Mention Florists' Review when you write.

Live Sphagnum Moss For Orchids, etc., $1.25 per bbl.

Sphagnum Moss First quality, 85c per bale, 10 bales $6.00.

Peat $1.20 per bale, quality A No. 1.

Z. K. JEWETT & CO.,
SPARTA, - - WISCONSIN.
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INSURE AGAINST FIRE IN THE

Florists' Mutual Fire Insurance Ass'n.

ADDRESS **W. J. VESEY, Sec'y,**
FORT WAYNE, IND.
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Extra Circulation, but No Increase in Rates.

Send to **THE MOON** Company

For Your { Trees, Shrubs, Vines, and Small Fruits.

Descriptive Illustrated Catalogue Free.

THE WM. H. MOON CO.,
Morrisville, Pa.
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THE REGAN ... PRINTING HOUSE ...

Nursery Seed Florists'

Catalogues

87-91 Plymouth Place, Chicago.
Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

CLEVELAND.

Business Conditions.

Business has been better for the past week owing to the races, there being considerable work in the way of table decorations, some of the florists having a decoration every day. There has been an unusual amount of funeral work for the past ten days. Good stock is scarce, roses selling for $3 and $4; carnations, 75 cents, select $1; asters from 75 cents to $1; tuberoses, $4 and $5; sweet peas, 20 cents per 100; gladiolus plentiful, selling at retail for 50 cents to $1 per dozen.

News Notes.

J. M. Gasser had a refrigerator plant put in his Euclid avenue store. He has four refrigerators piped for cold and a tank for making ice for shipping purposes.

Mrs. F. Norton, of Bucyrus, Ohio, has been visiting friends in Cleveland and calling at our stores. Phil Breitmeyer, of Detroit, Mich., and Sam Gass of Allegheny, Pa., were also among our visitors this week.

Mr. James Eastwell has gone on a two weeks' trip to New York city. Miss Vida MacCollagh, of J. M. Gasser, has returned from a trip to Youngstown, Sharon and Chautauqua Lake.

O. A. C. O.

DES MOINES, IA.

The second annual picnic of the Des Moines Florists' Club was held at Union park, July 28, and a fine time was had. All present enjoyed the outing and those that did not attend missed a good picnic and fine feast. Various games were played by both old and young. Twenty-four sat down to a well-filled supper table, after which the convention was the main topic, and we expect most of the boys will attend.

J. T. D. F.

HARTFORD, CONN.—The annual exhibition of sweet peas, cut flowers, plants, fruits and vegetables of the Connecticut Hort. Society was held July 27. The exhibition was a meritorious one, the display of sweet peas being very large. Rev. W. T. Hutchins, of Indian Orchard, Mass., was the judge, and in the evening he delivered a lecture on the sweet pea.

ELKHART, IND.—Mrs. W. B. Vanderlip, the florist, was visited by burglars the night of July 22 and was robbed of diamonds valued at $1,000.

IF YOU HAVE anything to sell to the trade, offer it in an adv. in The Review.

Send Advs. NOW for our

EXTRA CIRCULATION BUT NO INCREASE IN RATES

Convention number...

To be Issued Aug. 18

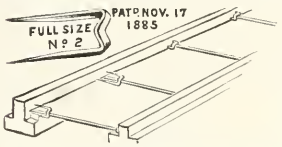
The Harrisii Disease

can be prevented by immersing the bulbs for two hours in a half solution of.....

..Kraft's Plant Tonic.. 99%

This has been conclusively proven by experiments at Lincoln Park, Chicago. The Tonic also kills **Hard Shelled Scale, Mealy Bug,** and other insect pests without injury to the plant. A trial of a 25-cent bottle will convince you that a really remarkable insecticide has been discovered. Send for circular.

Kraft Plant Tonic Co., Rockford, Ill.



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Perfect Glaziers' Points

No rights or lefts. Price per box of 1,000, 60c; by mail, 75c; in lots of 5,000 by Ex., 55c per 1,000.

HENRY A. DREER, 714 Chestnut Street, PHILADELPHIA, PA.

When writing mention Florists' Review.

Burpee's Seeds Grow

The MODEL Extension Carnation Support....

Also Wire Rose Stakes.

QUEENS, N. Y., Feb. 16, '97.
MR. THERON PARKER, Brooklyn, N. Y. Dear Sir:—I have tested your latest Model Carnation support, and am free to say that I consider it the best wire carnation support that I have ever seen. It is quickly and easily applied, and I think will prove very durable, and you certainly deserve great credit for the invention.
Very truly yours,
C. W. WARD.

FLATBUSH, BROOKLYN, N. Y., Feb. 18, '97.
MR. THERON PARKER.
Dear Sir:—Your wire stake is certainly a gem. Without hesitating we indorse it as an up-to-date Carnation Support. Yours truly,
DAILLEDOUZE BROS.

W. HOBOKEN, N. J., Feb. 18, '97.
MR. THERON PARKER, Brooklyn, N. Y. Dear Sir:—It gives me much pleasure to congratulate you upon your success in getting up Carnation Supports. I think that those I have had from you are about as perfect as anybody will be able to make them. They certainly fill my bill for an ideal carnation support, a thing I have been looking for for a long time. Wishing you every success in the sale of them, I am,
Yours truly, E. ASMUS.

Write for Prices, Circular and Special Discounts for early orders.

The Model Plant Stake Co.
THERON PARKER, Mgr., Inventor and Patentee,
22 Morton Street, BROOKLYN, N. Y.

Marie Louise Runners

25,000 at $4 per 1000; 60c. per 100.

WANTED 500 Maids, 600 Brides, 200 Perles, 200 Beauties, 200 Meteor, 200 Belle Siebrecht, 2½-inch pots.

HILLSDALE FLORAL PARK,
Mention Florists' Review. HILLSDALE, MICH.

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Extra Circulation, but No Increase in Rates

Zirngiebel GIANT PANSIES

Of the market and fancy strains, are still the leading varieties with the Florists' trade. Quality guaranteed. FRESH SEED NOW READY in trade packages at one dollar each.

DENYS ZIRNGIEBEL, - NEEDHAM, MASS.

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Now in Course of Preparation

Price, $5.00

Send in Your Order Now....

THE FLORISTS' MANUAL

By William Scott

It will tell you just what you want to know in just the way you want to be told.
It will cover the whole field of Commercial Floriculture, the articles arranged alphabetically, so that reference may be quick and easy.
It will be a whole library in itself.

Florists' Publishing Co.
520-535 Caxton Building, Chicago.

ROSES

Strong Clean Healthy Stock

SOUV. du PRESIDENT CARNOT, from 3-in. pots, $10.00 per 100.

Kaiserin, Souv. de Wootton, Meteor, Duchess of Albany, La France, Sunset. Price from 3-in. pots, $8.00 per 100; $70.00 per 1000.

Bridesmaid, Bride, Perle, Mermet, Watteville, Niphetos. Price from 3-in. pots, $7.00 per 100; $60.00 per 1000.

CHRYSANTHEMUMS

Golden Trophy, Ada Spaulding, Dorothy Toler, Gloire of Pacific, W. H. Rieman, Indiana, J. E. Lager, Laredo, Minerva, Miss Georgiana Pitcher, Modesto, Miss M. M. Johnson, Nemesis, Niveus, Pink Ivory, Gladys Spaulding, Marion Henderson, Miss May Wheeler, Mrs. J. G. Whilldin, Oakland, Olympus, Thos. H. Brown.

From 2½-in. pots, fine plants, $3.00 per 100.

SMILAX

Strong Bushy Plants, $2.50 per 100; $20.00 per 1000

Trade List on application.

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Herr's Pansies.

Buy the Best. Seed at $1.50 per ¼ oz. Plants at 75c per 100, $4.00 per 1,000.

SMILAX.

Fine Plants from pots at 75c per 100; $5.00 per 1,000. Sample plants for 10c.

ALBERT M. HERR

LANCASTER, PA.

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Pansy Plants NOW READY

30,000 Nice Seedling Pansy Plants now ready from 1898 seed, for November and later blooming, 50c per 100; $2.50 per 500; $4.00 per 1000. Samples free. Mitting's Giant Flowering Pansy Seed, trade pkt., 50c; 1 oz., $1.00. This seed will raise 50,000 plants to the pound.

The MORRIS FLORAL CO., Morris, Ill.

Mention The Review when you write.

CHRYSANTHEMUMS

Standard varieties $2.50 per 100, our selection.

Bougainvillea G. Sanderiana, 3-inch pots, $1.50 per doz., $10.00 per 100. **Cyclamen,** white, pink, red and white, crimson eye, 2½-inch pots, $5.00 per 100. **Cyperus Alternifolius,** 2½-in. pots, $2.50 per 100. **Grevillea Robusta,** $2.50 per 100.

NATHAN SMITH & SON, Adrian, Mich.

Mention Florists' Review when you write.

LOOK HERE

Bride and Bridesmaid Roses, January struck cuttings, out of 2-in. pots, $3.00 per 100; $25.00 per 1000, made out of strong 3 and 4 eyed cuttings.

Adiantum Cuneatum, strong, 3-inch, $7.00 per 100. Strong 2½-inch, $4.00 per 100, in fine growing condition. **All in A1 condition.**

TERMS, CASH OR C. O. D.

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The Florists' Review offers the above amount for a description of some really valuable and practical labor or money-saving unpatented device or method of culture of benefit to florists, that has not yet been published. If a drawing is needed to make the matter plain, it may be of the roughest character.

The awards will be made entirely on the practical value of the device or method, though a well worded description and intelligible drawing will be desirable.

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If you know of some useful labor or money-saving device or method of culture of which a description has not yet been published, you can easily win one of these prizes, and if you know several such you may be able to win them all.

Make your descriptions as brief as is consistent with clearness. Remember that simple devices are more generally useful than elaborate ones. What are wanted are those that will prove most valuable to the great mass of the readers of the Florists' Review. Competition open to all.

The prize-winning descriptions (and drawings, if any), will be published in the Florists' Review. And should others seem worthy of publication they will also be given space as opportunity offers.

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TORONTO.

Excursion to Niagara Falls.

Between fifty and sixty availed themselves of the Gardeners' and Florists' Association excursion to Niagara Falls last Thursday and a most delightful day was spent by every one, I believe. It was not a picnic and each one was independent of the other and enjoyed himself after his own heart. Of course the ideas of enjoyment of some ran in the same groove, and the crowd as a rule went about in groups of from two up.

Some visited the "Glen" (one of the most interesting spots on the river—just below the whirlpool), some preferred to sit in the park gazing at the falls, others explored the back country in search of a square meal under $1.00, some took in the American town of Niagara Falls (quite a lively town too). There was a man over there they wanted to see about a dog or something. I noticed that one florist there combines a restaurant with his cut flower business, not a bad idea in such a place during the summer months. Another party went fishing, and will no doubt have a supply of good fish stories laid in for use during the long winter evenings. Altogether the excursion was a success, though one missed several well known faces, such as those of Messrs. Vair, Chambers, Watkins, Reeves, Dunlop, Houston, Carter, etc.

Notes.

The city was favored with a visit from the renowned Baggs, known to readers of The Review through "Potting Shed Idyls" as "Jaggs." He had been wintering in the old country, and was endeavoring to make Rochester, N. Y., to which city we offer congratulations on his possession.

The weather still keeps very warm and dry. The observatory reports the hottest July on record; the effect of any little showers that have fallen was invisible a few hours after. They say another moon has put in an appearance, evidently the old one is rattled.

E.

UNDER the heading, "Side Lights on the Exposition," the Omaha World-Herald speaks flatteringly of Mr. J. Austin Shaw as "one of the most pleasant gentlemen in charge of exhibits on the exposition grounds," and notes the value of his correspondence for the trade press.

IF YOU have anything to offer to the trade you will want an adv. in our Convention Number, to be issued August 18.

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Florists' Review....

WASHINGTON.

About one mile to the right of Good Hope hill and two miles from the city on that beautiful ridge that follows the Potomac is the home of our largest and most successful grower of violets, Mr. Theodore Deidrich. A farm of about fifteen acres surrounds his house, and what is not utilized in violets has not gone to waste in weeds.

About two acres are taken up in chrysanthemums and violets, the former planted in the field and not intended to be put under cover. The violets are planted in beds to be framed later, and are roofed in with a board frame with boards on top about four inches apart, and the whole still further shaded by branches of trees thrown over and hung around the east, west and south sides, the whole raised about five feet from the plants. The first impression would be to find weak and drawn plants grown in so much shade. On the contrary they are vigorous, and free from spot.

From about five hundred sash (I think I have given about the quantity of sash used including two houses), he cut six hundred thousand blooms the past year. These represent only first class flowers and those actually sold. Marie Louise, Campbell and Farquhar are the varieties grown, not so many of the latter in comparison to the first two varieties.

Along this ridge is Mr. Gude's establishment. He has given his entire plant a coat of paint on the inside. His young roses are doing nicely, though have not been planted but a short time. In shaded frames he has an excellent lot of cyclamen in 3-inch pots. For his first attempt in this line he has been very successful.

The mums are planted in the field for pot plants. He never grows them along in pots, but plants them out and lifts early in August. Three houses are used for these, for cut flowers; though recently benched they are very strong and promising.

The day was an exceedingly hot one when I called, yet I found the force hard at work cleaning under the benches and wherever dirt had accumulated.

Messrs. Thos. Field and J. H. Small, Sr., have sailed for Europe.

Mr. W. R. Smith remains in about the same condition, with hemorrhages continually. W. H. K.

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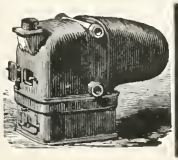

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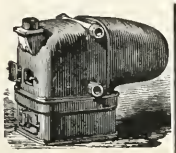

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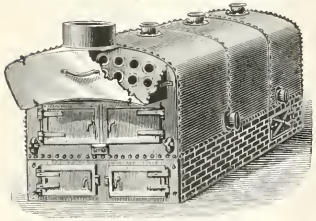

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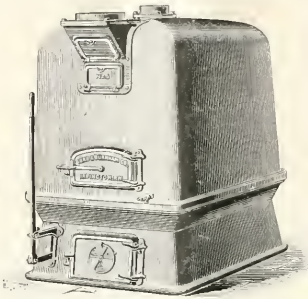

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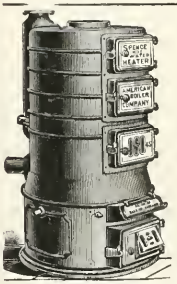

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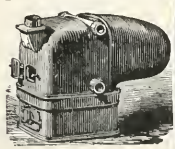

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THE WEEKLY FLORISTS' REVIEW

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Vol. II. CHICAGO AND NEW YORK, AUGUST 11, 1898. No. 37.

BISMARCKIA NOBILIS.

Noteworthy new palms have been few and far between of late years, but the species here illustrated seems worthy of more than passing mention. The palm in question is the only member of the genus at present, and on its discovery in 1879 was named in honor of the great German statesman.

Bismarckia Nobilis.

Bismarckia nobilis was found growing along a river in the western part of Madagascar, and from the account of the discoverer must be a grand sight there, growing as it does in large groves, and in some instances reaching a height of two hundred feet, these magnificent specimens being topped with an immense crown of palmate leaves, and giving somewhat the idea of a gigantic Sabal.

As will be noted from the photo the leaves of B. nobilis are rather stiff in the young plant, the leaf stems being quite strong and unarmed or very slightly serrated, the latter being another point in its favor and the young plant also seems to hold its foliage well. In color the leaves of B. nobilis remind one of those of Sabal Blackburniana, being bluish green, and apart from a little stiffness, the general effect of the plant is good.

The seeds of this palm are described as growing in large drooping bunches, the individual fruits being dark brown, plum-like, and about one and one-half inches in diameter. The first consignment of seeds was sent to the Berlin Botanical Garden, and resulted in about 70 per cent. germination, but the entire lot was but a small number. Still as this is rather more than the average percentage of germination obtained from kentia seeds, it would seem as though bismarckia was not a specially difficult subject to handle.

As to the trade value of this handsome palm little can be said as yet owing to its comparative scarcity, and like many other fine palms, it will only be found in private collections until such time as the seeds may be had in regular and liberal supply and also at a reasonable figure.

W. H. TAPLIN.

SWEET PEAS FOR CHRISTMAS.

Will you please let me know what varieties of sweet peas are best for winter flowering? What time must I sow the seed to get them in bloom for Christmas? I. W. D.

Wisconsin.

I have never heard of sweet peas at Christmas. If they were worth as much as orchids it is just possible they could be sown at once in a house, and if they flowered by September and the flowers were picked off that a few scattering blooms could be had. But would it pay? Not by any means. The sweet peas have their season the same as the mums and the tulips. There are few flowers that we want to reign all the year. March is as early as greenhouse grown sweet peas are sown in our northern clime, and the middle of April is nearer the time that the large

majority of growers succeed in getting them in. A difference of weeks in time of sowing in autumn will only make a difference of days in time of flowering, but a few days count a great deal in value of crop. If a house is to be devoted to the sweet pea you can sow them early in September. Five inches of soil on a bench is much better than a solid bed, for if the roots are given too much room you will have much vine and little flower.

If you are not ready to sow them in the house in September you can sow half a dozen seeds in a 4-inch pot and keep them in a frame till November and then plant them in the house. A high temperature in the winter is no good. They would simply grow weak and be useless. About 50 degrees at night is as warm as they should be. They will not flower till the bright sun of spring appears. If grown on a bench entirely devoted to them the rows should not be nearer than 3 feet apart and a plant every 6 inches is close enough. If you grow them to a pillar or post of a carnation house three plants to a post is thick enough.

No need of growing many varieties; four distinct colors are enough on new and fancy shades. Experiment in the field. The following varieties will fill the bill: Emily Henderson, a fine white; Blanche Ferry, rosy pink; Countess of Radnor, lavender; Prima Donna, light, soft pink.

WM. SCOTT.

AMONG PHILADELPHIA GROWERS.

Robert Craig & Son.—Continued.

Chrysanthemums are largely grown. The early varieties did not prove very satisfactory last year, the demand being less than the supply, late varieties, such as Liberty, of which a house was grown, being far more profitable. After chrysanthemums an immense quantity of bulbous stock and flowering plants are forced for Easter, lilies, tulips, hyacinths, Dutch and Roman, narcissus and spiraea are brought in, besides azaleas and hydrangeas.

Henry A. Dreer.

Henry A. Dreer Company have a modern plant of over 200,000 feet of glass, situated on the banks of the Delaware at Riverton. The houses are even span devoted chiefly to the growing of palms and ferns. Two new ranges added within the past few years have an acre of glass in each. Each of these ranges of houses is practically one vast house, the walks being under the gutters and no partitions between. The system of heating is hot water under pressure, 2-inch pipe being used. Mr. Eisele has found this system the most economical and satisfactory. The benches are of slate, with iron supports, the tables rather narrow, easily reached, with wide walks between.

Kentias are evidently their best palm. The quantity is simply enormous, one of the acre ranges being devoted entirely to Kentias, and there are more besides. Belmoreana and Forsteriana are the varieties grown. Canterburyana has been discarded as unsuitable for commercial purposes. All sizes are grown from two's up to specimens in 10-inch pots. The most noticeable feature is the large quantity of "made up" plants. This making up has been done successfully with arecas for some years and rather unsuccessfully with latanias more recently, but is only just becoming popular with Kentias. Four plants are used, one more than in making up arecas, a 4-inch in the center and three 3-inch around it; the effect especially in the larger sizes was certainly pleasing.

Latanias are probably second in point of numbers, the novelty being some golden colored plants called Latania aurea. Arecas come next with cocos. These latter are sown in pans. The Dreer Co. do not believe it necessary to sow cocos seed singly in 2x3-inch pots, preferring to start the seed in pans and transplant into pots carefully at the proper time, that is, before the roots get too long. Phoenix rupicola is highly praised for its grace and beauty. Then comes Cycas revoluta, which is being started in quantity. The plants are said to make fine house, as well as garden, plants; for this purpose there is a good demand. The varnished southern cycas leaves have somewhat restricted the sale of plants for cutting.

Araucaria excelsa is outside under neatly made lath slat protection, elevated high enough to walk under. A. robusta compacta, a rather taking variety, dwarf habit and broad foliage, and A. excelsa glauca are also grown.

Ferns are here in enormous quantities, both in the houses and in frames. There are upwards of half a million of the hardy varieties for ferneries, in thumb pots. Then there are 65,000 Adiantum cuneatum, which some florists may not consider one of the hardy sorts. Much attention is given to specimen ferns since the advent of the Boston fern has shown the possibilities in this direction. Cibotium Schiedei, Microlepia hirta cristata and Asplenium nidus avis are leaders in this class. The first is said to be durable and is certainly graceful and of that pale shade of green fashionable two years or so ago. The second I was told about, but somehow missed seeing. The third will be more feelingly described by some other pen. It never did appeal to me even in the old days at the hall. Nephrolepis cordata compacta, so popular with Messrs. Pierson, Ward and Siebrecht, is being grown, also several new adiantums of promise.

There were two beautiful sights outdoors; the first, the far-famed waterlily ponds which Mr. Scott has so ably described that I can only add that they must indeed be seen to be appreciated. The second, a full acre of petunias, single and double in full bloom. The best sorts are being selected and carefully marked for hybridizing, double or single. There is a rockery planted with hardy stock, a burlap shaded frame of tuberous begonias, prominent among them Duke Zappelin, an intense scarlet.

A range of eight old houses, each about 100x12, is to be pulled down and rebuilt this season, the eight being rebuilt as four. Coal oil and white lead, also turpentine and white lead, are used for shading. Rose leaf extract of tobacco and sulpho-tobacco soap alternately are the insecticides favored. They are applied systematically with a barrel force pump. The stock is shipped all over the country.

Chas. F. Evans.

Charles F. Evans has 37,500 feet of glass at Rowlandville, near Frankford. There are two houses each of Maids and Kaiserins, one each of Brides and La France, and one house of Wootton, Cusin, Hoste and Carnot. The stock is about two-thirds grafted on Manetti.

Carnations are grown extensively. Scott, McGowan, Victor and 2,000 seedlings in their second year will be tried. Adiantum cuneatum is grown in pots for cutting. Smilax and Asparagus plumosus are grown in quantity. A house each is devoted to stock plants of Ficus elastica and to their rooted cuttings just started. Mr. Evans also grows Pandanus Veitchii, Cattleya Trianae and Coelogyne cristata. Chrysanthemums have been dropped. The stock is all disposed of locally.

The Floral Exchange.

The Floral Exchange, the name given to a business enterprise of Joseph Morwitz, has 70,000 feet of glass, two miles above Bristol. Half of this glass is in even span north and south houses; the other half, more recently built (10,000 feet this season) is in three-quarter span to the south houses. Meteor is the most profitable rose, and this variety has been largely planted in the new addition. The other varieties grown are Beauty, Perle, Bride and Maid, with a few side issues, Watteville having done well here. The roses are planted partly in solid beds and partly on benches. Liquid manure is found beneficial, and for this purpose a manure tank placed on an elevation is used, the rain being depended on for washing through the manure; failing this, a sprinkler is brought into service. The Floral Exchange has a retail store on Chestnut street, where part of the cut is sold, the balance being wholesaled mostly to regular customers.

Hugh Graham.

Hugh Graham has 100,000 feet of glass at Logan devoted to the growing of stock required by his retail business in the city. This business is undoubtedly the largest decorative business in Philadelphia. Mr. Graham does the Assembly and many of the fashionable balls. These fine palms of great size are here in numbers; also much Acacia pubescens.

About 40,000 feet is devoted to roses. One-half of this is in Beauties and one-quarter each in Brides and Maids. Some early Brunners are grown successfully. In carnations, Victor, named

Heliopsis Pitcherianus.

after Mr. Graham's foreman, is "the best so far," by which one may naturally expect something. Daybreak and Jubilee are here, also Evelina and White Cloud on trial.

Chrysanthemums are the crowning attraction of this place, the home of Philadelphia and of Pennsylvania. Here, too, something is evidently likely to happen if one may judge from the cordiality of the invitation to come and see the plants in the fall. Frank Hardy, Autumn Glory, Ivory, Major Bonnaffon and Golden Wedding are grown besides the above seedlings of the place.

Orchids include Cattleyas, phalaenopsis and cypripediums. Ferns are chiefly small for ferneries. There is one house of Asparagus plumosus. Lilies are forced extensively, Harrisii for early. (Culture is believed to have kept disease in check here.) Japanese longiflorum for late. Azaleas are grown to the large sizes for decorations; also hydrangeas, genistas, cinerarias and some daffodils and Romans. J. W. Y.

(To be continued.)

HELIOPSIS PITCHERIANUS.

There is but very little difference between the sunflower (helianthus) and the heliopsis. The compound word sun-flower is a literal translation of its botanical name, while heliopsis means "like the sun." The most common form of this species, H. laevis, known as the false sunflower, and also as the "Ox-eye," is indigenous to Cook County, Illinois, and elsewhere throughout the United States, growing generally on dry banks, fields and copses, and flowering from July to October.

The variety illustrated is more dwarf than the one just mentioned, growing about three feet high, and flowering nearly all summer. The flowers are of a deep orange yellow, produced very freely on long stems, and are extremely useful for cutting. Being a hardy perennial, and asking only for a fairly rich soil and full sun, it presents many features to recommend it for cultivation by florists in their home grounds. BELLEROPHON.

AMONG BOSTON GROWERS.

W. W. Edgar's.

Ferns everywhere is what we found at the establishment of W. W. Edgar, of Waverly, and they were grand, being elegant in color, and showed superior cultivation. Mr. Edgar grows very few flowers, his trade being principally for cut fronds of adiantum and pot plants. He has one house, 25x125 feet, planted to chrysanthemums, which crop he follows with Easter stuff, such as lilies, genistas and azaleas. He also devotes one house, 125x30, to carnations, Scotts and Daybreaks being his choice of varieties, although he is adding the new red Wellesley for next season's growing.

A house of 100x20 is planted to Adiantum Roenbeckii to cut from, and looks very promising. It is planted in solid bed, which he prefers to pots or benches. He has also in the same house an elegant lot of Adiantum tenerum, which he will handle in the pots. In another house he has additional adiantum for cutting, but of a different variety, which is a grand success with him; Adiantum decorum also planted in a solid bed. This house also contains an elegant lot of Adiantum Farleyense, which he sells in 5 and 6-inch pots. Another house is devoted entirely to seedling ferns, of which Mr. Edgar is making a specialty, and has a lot of the newer varieties, including the flowering fern, Aenemii Collina, about four thousand of this variety. Another house contains more small ferns, and a nice bench of Nephrolepis Bostoniensis, to pot up later on. He has also in this house about a thousand of that queen of begonias, Gloire de Lorraine, and he proposes to make this and the seedling ferns his leaders, and will have enough to supply everybody. He is also growing quite a few of Begonia Louise Closson, which he uses in connection with ferns for planting in pans and fancy fern dishes. Out of doors there is a nice clean lot of Dracaena terminalis in a deep frame, while plunged in the open is an elegant lot of Ficus elastica in 6-inch pots. There are also a fine collection of genistas and other plants, designed for Easter forcing.

Mr. Edgar has about two acres of land devoted to his business, and makes it a study to have every facility that is necessary to handle large quantities of perishable plants, and his packing room, wherein he can load his goods right on to his team without exposure to the weather, is a model of its kind. Connected with this he has a large cold storage room, which he uses to carry over such plants as bay trees and hydrangeas. He has a finely furnished stable, over which he has constructed rooms for the use of his men, of which he has six the year around. The place is a model of neatness and worth a visit from anybody interested in the florist's business.

L. H. Foster's.

L. H. Foster, of Dorchester, still believes in the future of Nephrolepis Bostoniensis and has devoted his entire plant to them. The majority are planted in benches and run in size from a 3 to a 6-inch pot. He has a nice lot of specimens in pots, but they do not seem to be in demand like small plants which he is continuously shipping to all parts of the country.

Whitten's.

At Whitten's we found the genial manager, Lawrence Cotter, surveying, with a satisfied look, a fine house of Beauties, which he is carrying over, and which have just begun to break elegantly and bid fair to bring him in lots of shekels. Mr. Cotter is an enthusiast over roses, and every house is devoted to the queen of flowers. He has a house 180x25, one 104x18½, and one 90x20 planted to Bridesmaids—about 4,000 plants, all told. There are also three houses of Brides, one 104x8½, one 80x14, about 2,000 plants; these are in benches. He has also a house, 90x20, with 1,000 plants, planted in a solid bed, and he proposes to keep an

accurate account of the number of strictly A No. 1 flowers to compare with those grown on benches. Kaiserin is grown here to perfection, and two houses, each 100x11, which were planted a year ago, are now throwing about 200 blooms daily, while another house, 100x30, planted early in June, is about ready to cut from. In addition to these a lot of freshly planted Beauties look very promising and bid fair to equal the older plants. Another house, 100x25, contains 900 President Carnot, Mr. Cotter having a liking for a rose of that color, discarding the old Souvenir de la Malmaison, which he tried last season. He has also a bench of Meteor, which promises well. Mr. Cotter is not a believer in chemical fertilizers, a little bone flour and plenty of good, well rotted cow manure is good enough for him.

...THE...

Society of American Florists

WILL HOLD ITS

Fourteenth Annual Meeting

...AT...

Omaha, Neb., August 16, 17, 18 and 19.

OFFICERS.

Pres., WM. F. GUDE, Washington, D. C.
Vice-Pres., A. DONAGHUE, Omaha, Neb.
Sec'y, WM. J. STEWART, 67 Bromfield St., Boston.
Treas., H. B. BEATTY, Oil City, Pa.

Members may remit their annual dues in advance to the Secretary, who will mail receipt and badge for 1898.

For space in the trade exhibition address S. B. STEWART, Supt., 119 North 16th Street, Omaha, Neb.

REDUCED RAILROAD RATES TO THE CONVENTION.

From the West.

As announced in previous issues, the Western Passenger Association has now granted the requested rate of one fare plus $2 for the round trip to the convention of the S. A. F. at Omaha, and a rate of only one fare for the round trip from points within a radius of 150 miles of Omaha. This very favorable rate should insure a large attendance at the convention from western territory. Following is the full text of the official letter in the matter:

Chicago, July 26, 1898.

W. P. A. Circular Letter No. 1420.

Annual Convention Society American Florists and Ornamental Horticulturists, Omaha, Neb., Aug. 16-19, 1898—Proposition submitted for rate of one fare plus $2.00 for the round trip from Association territory east of and including Utah, except that from points within a radius of 150 miles of Omaha rate of one fare for the round trip to apply. Adopted.

To Lines Interested:

Referring to W. P. A. Consultation Letter No. 94, submitting the following proposition for reduced rates for the above occasion:

RATE—One lowest, regular first class normal tariff (not temporarily reduced) fare for the round trip plus $2.00 from Association territory east of and including Utah, except that from points within a radius of 150 miles from Omaha, rate of one fare for the round trip will apply. The following selling and basing rates to apply from terminals named, viz.: Chicago, $14.75; Peoria, $13.25; St. Louis, $13.50.

DATES OF SALE.—Tickets to be sold August 14 and 15 from all points east of the eastern state lines of Colorado and Wyoming, and Aug. 13th from points west thereof, also Aug. 16th from points within 150 miles of Omaha for trains arriving in Omaha on the morning of that date.

LIMITS OF TICKETS—Final return limit Aug. 25, 1898, with continuous passage transit limits in each direction.

FORM OF TICKET—All tickets sold from or through St. Paul, Minneapolis, Chicago, St. Louis, lower Missouri River points, Colorado, common points or Cheyenne, to be of usual ironclad signature and witness form requiring execution in each case by Joint Agent at Omaha. From other points ordinary excursion form of ticket to be used.

Rates named above from eastern gateways of the Association to be tendered connecting lines for basing purposes, under the conditions named.

No objection having been raised, the above proposition is hereby declared adopted.

Respectfully,
B. D. CALDWELL,
Chairman.

Since the above concession was granted the western roads have inaugurated a little rate war that may develop into a big one shortly. The regular rate from Chicago to Omaha has been reduced from $12.75 to $9.25 and further cuts may be made. This reduction will not affect the special round trip rate granted the S. A. F., which is based on the normal tariff, but the managers of the Omaha Exposition have taken advantage of the situation to urge a rate of one cent a mile to Omaha and if this should be granted the round trip rate from Chicago would be only a trifle over $10.

From the East.

The Central Passenger Association has now granted the Society of American Florists a rate of a fare and a third for the round trip, on the certificate plan. This now covers the whole country as far west as Chicago and St. Louis and north of West Virginia. For the territory west of Chicago and St. Louis a still lower rate has been made, as announced above.

Now that the railroads have granted the concessions that have been so vigorously urged, there should be a grand outpouring at the convention.

FROM THE EAST TO OMAHA.

The Florists' Club of Philadelphia has arranged to take the Southwestern Express on the Pennsylvania railroad, leaving New York Sunday, Aug. 14, at 2 p. m.; Philadelphia, 4:30 p. m.; Harrisburg, 7:30 p. m.; Washington, 3:30 p. m.; Baltimore, 4:35 p. m.; arriving in Chicago Aug. 15 at 5 p. m.; leaving Chicago by Burlington Route at 5:50 p. m., and reaching Omaha at 8:10 a. m., Tuesday Aug. 16, the opening day of the convention.

Another party will leave New York by New York Central R. R. at 8:45 p. m., Saturday, August 13, spending Sunday at Niagara Falls, Monday in Chicago and reaching Omaha at 8:25 a. m., Tuesday. Full information regarding this party may be had from W. E. Arnold, care New York Central R. R., 413 Broadway, or Alex. Wallace, care Florists' Exchange 2 to 8 Duane St., New York.

OMAHA HOTELS.

Below is given full information about the hotels of Omaha that are convenient to the convention hall:

Hotel.	Capacity.	American. Plan.	Europ'n. Plan.
Iler Grand, 16th and Howard,			$1.00-1.50
The Millard, 13th and Douglas,	100	$3.00 up.	$1.50 up.
Arcade Hotel, 13th and Douglas,	100	2.00	
Hotel Dellone, 14th and Capitol av.	450	2.00 up.	1.00 up.
The New Mercer, 12th and Howard,	300	2.00-2.50	1.00-1.50
Hotel Barker, 13th and Jones,	100	1.50	1.00
The Midland, 16th and Chicago,	150	1.50-2.00	.50-1.00
Drexel Hotel, 16th and Webster,	100		.75 up.
Murray Hotel, 14th and Harney,	100	2.50 up.	
Victoria Hotel, Dodge st., nr. 13th,	50	1.50 up.	
Dodge European (gentlemen only), 101-111 So. 13th,	40		1.00
Hotel Vendome, 414 So. 13th,	40	1.00-1.50	
The Windsor, 10th and Jackson,	50	2.00	
Hotel Garfield, 1515 Howard,	200		.25 up.
The Brunswick, 16th and Jackson.	200	2.00-3.00	1.00 up.

WESTERN FLORISTS.

It devolves upon you to turn out in force and make the Omaha convention an overwhelming success. By so doing you will derive both pleasure and profit, but what is in many ways of equal importance, you will have demonstrated the error of certain eastern friends in holding that the western florists lack in that broad interest in the national organization so essential to its success. Western florists yield to none in public spiritedness and in an appreciation of the value of organized work for the common good.

In the past the conventions have been held mainly in eastern territory, and the expense of attendance from the west has been a serious item. This year the position is reversed and the expense of attendance from the great middle west will be slight. Never before have such extensive concessions in railroad rates been granted by western roads. Within a radius of 150 miles of Omaha a rate of only one fare for the round trip has been made, and from Chicago and St. Louis to as far west as Utah the rate of one fare plus $2 for the round trip has been conceded. The expense of attendance has been reduced to the lowest notch that could be expected. You can never attend a meeting of the national society at so moderate an outlay.

Every florist in the territory noted ought to report at Omaha the morning of Aug. 16. They should assemble in such numbers as to make the Omaha

View in the store of H. G. Eyres & Co., Albany, N. Y., at Easter.

meeting a record-breaker for attendance and for good and useful work for the advancement of the best interests of the profession.

If you have felt that the national society has not entirely filled its mission, come and say so in the meetings. Point out for the benefit of all the road you think would lead to increased usefulness. Do your share toward making the society what it ought to be if improvement is needed. The man who simply criticises does no good and much harm. It is not fair to criticise the work of others without offering something better as a substitute. Let us build up rather than tear down. Come to Omaha and help build!

It is true that the man who is an unfair competitor in business may be there; it is true that the man with an axe of his own to grind may be present. But they are but a few among the many and you do an injustice to the many by condemning all because of the presence of the few. The great mass of the membership is there for the common good and the inuocent enjoyment of an annual outing. And there will be present many brainy, big-hearted men whose brain and heart are at the service of the society and the least of its members. You will honor yourself by holding up the hands of such in their efforts to advance the real best interests of all. There are good men and true, and there will be many such at Omaha.

"In union there is strength." Let the truth of this axiom be again demonstrated at Omaha next week.

KNOBNOSTER, MO.—A cyclone destroyed the business portion of this place July 29. Among the buildings destroyed were E. S. Hart's greenhouse and seed store.

AN INTRODUCTION TO THE OMAHA FLORISTS.

Well, brethren from the "Woolly West,"
The "Sunny South," the wondrous East,
The "Frozen North," and all the rest,
Thrice welcome to your yearly feast.

A "feast of reason, flow of soul,"
The grandest views you ever saw,
And such a lovely spot to bowl!
So welcome all to Omaha.

Let me your brothers introduce:
Come feel their cordial grasp of hand;
And ere they bravely turn you loose,
Just get acquainted, understand.

Here's Papa Hesser, Pioneer!
Whose scalp the Aborigines
Attacked, way back, some fifty years,
When he first set out his apple trees.
His goodly nature's sunny still.
Like him? Of course! I'm sure you will.

This is Pete Youngers, fat and fifty;
See the reward of being thrifty!
"Money to burn," too much to eat,
Splendid man, you'll find is "Pete."
And though he didn't "go to war,"
They'll run him yet for governor.

This is your friend Professor Taylor,
The "Traveler" and the venturous sailor,
Whose bravery on the sea of life
Was lately shown by his taking a wife.
So drink the health of Taylor's Queen,
The fairest fair that ere was seen.
'T'was Taylor's eloquence last year
That brought the great convention here.

And now a manly man, and true,
Vice-President A. Donaghue!
To know him is to love, they say,
His wife has told me so, anyway.
Of honors full, and free from care,
He's apt to take you everywhere.
Those love him most who know him best,
So know him and you'll learn the rest.

This is old Landscape—Nature's son,
The genial J. H. Hadkinson,
Great Ullrich's bright associate,
And Unger's, also, I might state.
See, all around these wondrous grounds
Their magic handiwork abounds.
And Joe can write, and Joe can bowl;
In him you'll find a noble soul!

This "Giant Sycamore" is young;
From out the "woolly west" he sprung.
And all who know friend Wilcox will
Acknowledge that he's springing still.
He'll take you all to Fairmount Park,
He'll show you glass—A million feet!
And, knowing them, you'll all remark:
"Wilcox and wife are hard to beat."

From Lincoln come the Brothers Chapin;
From their sweet smile there's no escapin'.
Six footers both; straight as a dart;
Their wives can't tell the boys apart.
And from the way they'll try to do
You good, I'm sure, no more can you.

This gentleman you know, I guess;
The healthy, prosperous Jacob Hess.
And with him—"Fount of Flora's odor,"
The smiling face of George Swoboda.

Here's the foundation of this "stir,"
Stewart, your faithful manager.
"S. B." is florist, seedsman, too;
There's nothing much he cannot do.
He'll shoot, or swim or bowl or run,
And full of business as of fun.
Everything neat and spick and span;
Stewart, you'll say, was just the man.

But time is flying, I'll be brief,
And give both you and them relief.
Just "shake" as by your side they pass.
This is good-hearted Mr. Haas,
And though his English limps a few,
His German, you'll admit, will do.

This is Sir Louie Henderson,
The orator—chock full of fun,
From whose face seldom leaves a smile;
In fact our Louie's smiling all the while.

And this one folks call "Canna King,"
Lord Davey—you must hear him sing!
Here's the Professor, Earl Delaney,
From sunny France's vineyards came he;
To reach his big heart right away,
Just try and "Parlez vous Francais."

These are the Ederers, Pap and boys,
Who prosper, but make little noise.
And here's a Briton, bluff and hearty,
Sir Faulkner, a most friendly party.

This is A. Donaghue, the younger! See?
Whose great good fortune was, it seems to be,
To early follow in his father's wake;
No reason why he shouldn't "take the cake."

Here's Mr. Floth, whose other name is Paul.
If names could count he should be best of all.
And here's another Paul who's tried and true;
Paul Paulson is his name—the Pauls will do.
You'll get acquainted with their different ways;
Apostles, you can't ask for nowadays.

This is "Dad Erfling." Everyone knows "Dad,"
A patient, pleasant soul whose hottest fad
Is "peas"—sweet peas—and Mr. Dreer's big basin
Which he prepared the "Regia Vic" to place in.
In this "Dad" and the festive alligator vie
Which one shall first the active bullfrog spy.

And now though last not least by any means
I'll introduce one of fair Omaha's queens;
Sweet-faced, sweet-voiced Miss Arnold.
No lovelier maiden in the town you'll see;
Prepare, ye bachelors all, your hearts to lose.
And yet she's spoken for, so what's the use!

Now that you know them all and know them well,
What is there more at present I can tell?
Save this: You come and see and know them better,
And so, with your consent, I'll close this letter.

Assuring you once more a welcome true from Omaha, I am Fraternally and Truly yours,
J. AUSTIN SHAW.

OMAHA.

J. F. Wilcox is probably the youngest florist in this country possessing an aggregate of over 300,000 square feet of glass. Less than 35 years of age he now controls more greenhouse property than any two firms west of the Mississippi. This year he has added three immense greenhouses to his plant, and is already contemplating a range of palm houses in 1899.

Professor Taylor, whose familiar face is known already to many of the members of the S. A. F., is a son of Nebraska; 38 years ago having first engaged in the business of breathing the hot winds of this wonderful western climate. His father was one of the

first nurserymen of the west, and it was at home that the professor practically learned all the details of the nursery business and so won the honor of appointment to the chair of Agriculture in the State University at Lincoln, a position which he still holds and will resume at the close of the Trans-Mississippi Exposition.

Professor Taylor has been a great traveler, having twice visited Russia in the interests of horticulture, once for the American government. His great lecture on Tuesday evening of convention week will illustrate these journeys and prove of wonderful interest to all.

The professor is superintendent of both the Horticultural and Agricultural Buildings at the Exposition and his many courtesies have endeared him to all the exhibitors. He has taken a great interest in the coming of the brethren of the S. A. F., and to his influence will you be indebted for much of your Friday's enjoyment.

With reference to hotels, many have already booked their rooms at the Ilen Grand. If any of the florists desire rooms with baths, they can secure them there by writing for them at once. But the manager will book all comers at $1 a day for ordinary rooms.

There will be a very large attendance at the convention from present indications. The vice-president of Minnesota writes to me he hopes to head a delegation of 25 from St. Paul and Minneapolis. Even Milwaukee talks 20 and from Chicago will come "a great multitude which no man can number" or words to that effect. Brother Beneke writes me that St. Louis will go over 20, and—whisper—most of them will be here bowling, all day Monday, to "get their hands in."

The two interesting features of the past week at the exposition have been Indian Day and Flower Day. Both of these created especial interest and drew enormous crowds. No such gathering of representatives of the different native American Indian tribes has ever before been attempted in this country and probably never will be repeated. They are under the direct supervision of the American government. The exhibit is an educational one, designed to illustrate the progress and development of the red man and his primitive mode of life.

Nearly every tribe is represented and their parade, on ponies, through the grounds, in their war paint, with squaws and papooses ad infinitum—was a scene calculated to fill an easterner with visions. When I, by pantomime, asked several of the braves whether they had done any "scalping" the grunt and grin of satisfaction with which they answered "yes" led me to utter a prayer of gratitude to the Divinity that "shaped my ends" so that I was not born west of the Mississippi and could still retain the few hairs which early piety had left me. The encampment covers a very large section of the Exposition Grounds, and Conventionists had better book an hour of their time on Friday for the Indians.

The Flower Parade was the daintiest, prettiest thing that Omaha Society ever "pulled off" and 50 gaily decorated coaches, carriages, drags, carts and horses paraded around the flower bordered paths of the beautiful bluff tract, an apparently endless circle of color. It was the first flower carnival for Omaha and she will never give a grander one. It took three mayors to decide the three best decorated equipages and 47 other carriage owners disagreed with the mayors. But the 20,000 witnesses were so delighted that society consented to repeat the procession on the following day. What an appropriate feature for convention week this would have been, but I could not indnce the managers to postpone it. The flowers were of necessity artificial but the arrangement and profuseness of them made the spectacle a gorgeous one.

As to the Convention there is little more to add than to tell you that every arrangement for your comfort and entertainment is now completed, and that the local florists are working earnestly and in harmony, with a view to making your visit to Omaha a delightful memory for ever.

S. B. Stewart's brother, of the force of Vaughan, McKellar & Winterson, is visiting in Omaha and expects to remain for the Convention. He came in on his wheel from Chicago while Ed. Winterson fell by the wayside.

The bowlers are practising hard at Krug Park, and expect to down everything but St. Louis. The Omaha team will likely be Capt. A. Donaghue, J. H. Hadkinson, Geo. Swoboda, Louis Henderson and L. Chapin with A. Donaghue, Jr., and R. H. Davey as reserve men. These are all good bowlers and will give a good account of themselves.

The park where the bowling takes place is high and cool, the alleys new and "regulation," the facilities for onlookers, "Comanches" the best I have ever seen; 500 spectators can see the games if they want to.

Fairmount Park in Council Bluffs where the Convention will enjoy Mr. Wilcox's hospitality, is a beautiful natural park about 200 acres, and an ideal spot for an outing. From its elevations can be seen Omaha, South Omaha and Council Bluffs, with wide stretches of hills and dales, the mighty Missouri in the distance, and afar glistening in the almost never failing sunlight of Nebraska, the magical White City, with its never to be forgotten glories. J. AUSTIN SHAW.

IF THE WEATHER in Omaha next week should not be ideal, how would J. Austin Shaw explain himself?

THERE IS STILL time for you to catch the train for Omaha.

THE FLORISTS' REVIEW

G. L. GRANT, EDITOR AND MANAGER.

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BOSTON.

Review of the Market.

The past week has been a week of very disagreeable weather, rain and fog, which has almost entirely ruined everything in the shape of outside flowers, and the result has been no overstock of any staples except colored asters. Roses are not plenty, although there are quite a few Brides and Maids coming in, but the quality is very poor and $4.00 per 100 is an outside price. There are hardly enough good roses to supply the demand. Kaiserin still takes the lead at from $6 to $8 per hundred, with Meteor for a red one at $8. Beauties are scarce, held firm at from $1 to $4 per dozen.

Carnations are about done, although some are still bringing them in, but they are of a very inferior quality and would hardly bring anything if it was not for the scarcity of other flowers; 50 cents per hundred is the asking price. The few that are brought in, of out of door cutting, are eagerly sought after at $1.50 per hundred. Asters are plenty, white ones selling at 35 cents, while colored ones bring from 20 to 25 cents per 100.

Sweet peas are scarce, owing to the weather; price from $1.50 to $2.25 per 1,000, according to quality. Gladiolus have made their appearance, 50 cents per dozen being obtained for them. Odds and ends are not over and above plenty, and such stuff as achilleas, candytuft, etc., sell fairly well, going to help out the scarcity of other flowers.

The Weekly Exhibition.

Saturday was prize day for annuals, but owing to the heavy rains the exhibits did not come up to expectations. John L. Gardner was the only competitor, showing about 150 vases of different varieties.

Natives were exhibited by Mrs. P. D. Richards and Alice Gunnell, while Mrs. E. M. Gill had a nice show of seasonable greenhouse and garden flowers.

Rea Bros. made their weekly exhibit of herbaceous flowers, and R. and J. Farquhar made a fine show of Lilium auratum. The Horticultural Society has appointed a committee to nominate officers for 1899.

News Items.

Carbone is remodeling his Boylston street store, preparatory to a successful fall and winter season.

Zinn, of Beacon street, is taking a short vacation, Mr. Long being in charge, he having returned from a delightful trip to the Catskills.

Ned Welch has returned to his desk at Welch Bros.', as has also John J. Kelly, of McCarthy's.

Henry Collins, Mrs. Roger's right-hand man, has gone to Sebago Lake, Me., to spend his vacation.

R. L. Jones, who has been with Connelly at Charleston, S. C., for the past six months, has returned to the "Hub;" says it is too hot for him down there.

Ed. T. Buckingham, of Brooklyn, N. Y., will be in town about the last of this month looking over things in the trade. P.

THE ORCHID GOWN.

The accompanying engraving is reproduced from the fashion department of the Chicago Times Herald, which says: "This is the now famous orchid gown, and it costs a fortune to wear it. Real orchids are draped from shoulder to waist and lightly but securely fastened to the cream colored mousseline de soie which veils the satin skirt. It is one of the most extraordinary conceits yet seen."

To the average reporter every orchid "costs a fortune." Such a dress could be handsomely draped with two dozen cattleyas at a cost of $20 to $25. The wide newspaper advertising given this draping and the handsome effect at such a moderate "fortune" ought to make it popular with the ladies who are always in search of something rich and novel.

CHICAGO.

The Market.

There is little change in the market, though demand stiffens materially at times and there is rather more stock to meet it, quite a lot of new crop roses being received now. The latter part of last week business was especially good. Still there is no material change in prices as yet. And there are large quantities of poor grade stock that is hardly worth sending to market.

Club Outing.

This Thursday the Florists' Club is enjoying the trip to Milwaukee on the Virginia. A full report of the affair will appear next week.

To Omaha.

There promises to be quite a number in the party that will attend the Omaha Convention from this city. A rate of $14.75 for the round trip is already assured and now the railroads have got to cutting rates we may get something even better by next Monday.

The Chicago Florists' Club will have a special car on the Burlington train leaving Chicago at 5:50 p. m., Monday, Aug. 15, and reaching Omaha at 8:10 a. m., Tuesday, Aug. 16, the opening day of the convention. A circular issued by the committee of the Florists' Club of Philadelphia announces that the delegation from Philadelphia and other eastern points will arrive over the Pennsylvania road at

An Orchid Gown.

5 p. m., August 15, and will travel on the same train with the Chicago party from here on. The parties from Buffalo, Cleveland, Detroit, Milwaukee and other points will also center here and travel on the same train. It promises to be a very large and very jolly party.

Among those who have already reserved berths in the Chicago Florists' Club's special car are E. Wienhoeber, W. J. Smyth and wife, E. H. Hunt, P. Reinberg, Edgar Sanders, Geo. Stollery, Jas. Hartshorne, W. C. Egan, G. H. Pieser, P. J. Hauswirth, N. Zweifel, Wm. Scott, H. Balsley, G. L. Grant, and there are quite a few who are not yet quite sure.

Others desiring berths reserved should communicate at once with G. L. Grant, 334 Dearborn St.

A Tandem Trip.

Last Sunday a party of florists and their ladies, numbering 18 in all, had a little outing of their own. All were mounted on tandem wheels and starting early made a two-hours' spin out to Blue Island to the establishment of Messrs. Heim Bros. Here the party spent the day, being most royally entertained by the hosts of the occasion. Before the time for the return the wheels were handsomely decorated with flowers and on the way home the party was given an ovation by the public. All who participated enjoyed themselves hugely and say that the Messrs. Heim Bros. are princes of hospitality.

A Chicago Nursery.

A visit to the nursery of Swain Nelson & Sons at Glen View was quite an agreeable surprise. Although established only five years the 30 acres of ornamental trees, shrubs and plants were found to be in superb condition and in wonderful variety. A better lot of stock it would be hard to find and it was a pleasure to find such an admirable selection of really excellent shrubs in a nursery so convenient to the city. There is certainly a future for such a nursery here and Messrs. Nelson & Sons are to be congratulated on their enterprise. The soil on their place is ideal for the purpose and through thorough cultivation all necessity for watering during dry spells is entirely avoided. They keep six cultivators at work steadily all summer long and at times there are as many as fifteen. The condition of the stock is an excellent illustration of the value of thorough tilling of the soil.

Various Items.

Recent visitors: Chas. E. Schonle, St. Louis; Wm. Trillow, Belleville, Ill.; Z. K. Jewett, Sparta, Wis.; J. E. Killen, representing C. H. Joosten, New York.

Mr. Washburn and family have returned from their Colorado trip and had a very enjoyable outing. They travelled a total of 4,000 miles and covered a good deal of ground in wagons and on horseback as well as afoot. Among other walking excursions they climbed Pike's Peak.

Louis Gresenz, of Bassett & Washburn's, started Tuesday on a two weeks vacation. Upon his return Mrs. Horton will enjoy a two weeks outing and will visit Saratoga.

Mr. E. E. Pieser, of Kennicott Bros. Co., is much pleased with the new carnation Evanston, that originated with Mr. M. Wieland. The flowers sent in to market by the grower found quick sale at excellent prices and the blooms proved to be very fine keepers. It is a sport from Tidal Wave but of a brighter color and with strong, vigorous habit. He believes there is a splendid future for this carnation. Mr. Pieser has returned from his week's va-

cation looking as though Michigan air had been an excellent tonic.

The Hinsdale Rose Co. lost 2,800 feet of glass during the recent hail storm. Bassett & Washburn, whose place is near by, lost only a few hundred feet.

W. J. Smyth has returned from a week's outing at Antioch, Ill.

A party of delegates from the east to Omaha, headed by Alex. Wallace, of New York, will reach Chicago at 7:50 a. m., Monday, and after spending the day here will leave for Omaha over the Northwestern at 6:30 p. m.

Among the things the Chicago florists will investigate at Milwaukee will be the great Pabst brewery, probably the largest in the world. There will also be a car ride around the city and a visit to one of the parks. There is unfortunately too little time to see a very great deal of the city's attractions.

Mr. James Hartshorne is rejoicing over the arrival of a daughter.

Mr. Angus Morrison has a large stock of greenhouse pipe and fittings in his warehouse at 375 Lincoln avenue, and is doing quite a trade with florists.

Bowling.

Following are the scores and averages made at the alleys last Friday evening:

	1st.	2nd.	3d.	4th.	5th.	Av.
Fred Hills	157	138	189	107	167	151
Robt. Schenk	166	121	160	123	171	145
J. S. Wilson	104	167	146	130	132	135
G. Stollery	142	139	121	116	135	132
G. L. Grant	153	126	147	119	106	130
F. Stollery	116	104	118	122	133	118
C. Schweigert	108	99	106	163	110	117

NEW YORK.

The Future.

It is generally expected here that our war with Spain will be very beneficial to the florist trade, not only in the increased prosperity that must surely come, but that the annexation of the islands will have tremendous influence on horticulture in general. Our new cities will be demanding the finest Jersey roses, and we will be taking trolley car excursions to gather palms and bananas and cocoanuts and orchids. Mr. Editor, if any of the boys out west who have been out to the Klondike are anxious to start in our business, please don't direct them to overcrowded New York, but tell them to go to Santiago, Havana or some of the larger cities in Porto Rico, where vegetables are now worth their weight in gold and good plants and flowers will soon be worth their weight in diamonds.

It is expected that our leading nurseries will soon announce their extensive palm plantations in Porto Rico and the Philippines. As these islands are believed to be adapted to the cultivation of azaleas, etc, no doubt we will soon grow our own and avoid paying duty. Some day we may get Bermuda and grow our own lilies. It may be said that we grow our own there now; that may be, but our large bulb growers, are becoming tired of something in Bermuda, for many of them talk of giving up their bulb farms there. It seems to pay large growers better to chip in and send out an investigating agent to buy their stock on the farms. Wait till we start growing them in Cuba.

Whilst we are dealing with war, perhaps you will be surprised to learn that we had war in our very midst during the past week, but it was only a modern Greek war, where Greek met Greek.

Almost all the cut flower peddlers of this city are Greeks. They work under the padrone system and there are several clans of them. It is reported that one clan sold to another the privilege of a flower stand outside a music hall on Fourteenth street for the sum of $500. After the transaction the proprietor of the hall insisted on a removal of the stand, and the charge of bunco was brought. Isolated Greeks of one section or another have been waylaid and beaten for several weeks, and finally the two gangs concerned, to the number of forty, met at Twenty-eighth street and Sixth avenue on August 3 and began to batter one another with crowbars, bouquets of flowers, bricks and fists. The police reserves were called out and ten were arrested and fined $5 each.

The Market.

Owing to odd spurts in the way of funeral work, there were days when stock of any kind was scarce. On Saturday there was not a carnation to be had of any of the wholesalers. Asters, too, were scarce, and roses of any fair quality went well. At the Thirty-fourth street market there was quite a brisk business and good flowers of any kind brought fair prices. On Monday auratums brought $2; Gladiolus, from $1 to $3 for fancy; carnations, 75 cents; asters, 1 to 2 cents a bunch; tuberoses, 35 cents per dozen spikes; roses, from $1 to $4; Lilium album and rubrum, $1; Hydrangea paniculata, from $1 to $1.50 per hundred; lily of the valley, from $1 to $2. Out-door flowers form the principal stock in trade of many of the wholesalers.

Charley Millang and Traendly & Schenck make a specialty of lilium and gladiolus.

J. K. Allen is receiving some very good Meteors. MacDonald & McManus make orchids their principal stock. John Young, valley, asters and fine roses. John I. Raynor has been slightly indisposed for the past few days, and Walter Sheridan has joined the vacationists.

Various Notes.

Mr. John Weir, of Brooklyn, is an accomplished gentleman in numerous ways; buying and selling florists' stores and fixtures is his latest accomplishment. The flower business here, even with all its high-toned artists and Greek peddlers, would lack considerable without John Weir. It is one of the most interesting pictures to see John surrounded by thousands of lilies and gladiolus on Tierney's wagon coming from the markets every morning.

Joseph Liske, Winfield, L. I., makes a specialty of tuberoses, cutting many thousands every day. Leavitt & Lawlor, Flushing, L. I., are growing a large quantity of gardenias. Mr. Lawlor says Gardenia Veitchii is the best for cultivation under glass in winter.

Herman Bowman, Larchmont Manor, reports violets very promising. Mr. Bowman has discarded Marie Louise and will grow only the "Farquhar" for cut flowers in future. He claims it is a finer violet in every way, a better cropper, larger and sweeter flowers, and longer stems than Marie Louise, and is not as susceptible to disease as that variety. He grows Lady Campbell for pot plants for Easter. All his violets are grown in frames, of which he has 350 sash, and intends to extend his plant to 600 sash in the near future. Continual cultivation and vigilance, with plenty of water, are the secrets of his success.

J. H. Small & Sons are making some very handsome displays in the windows of their new store on Broadway. Blooms of Egyptian lotus and fancy nymphaeas in a miniature tank, surrounded with banks of ferns, cause considerable attraction.

Geraniums and bedding plants of almost all kinds have so far done remarkably poor in and around New York this season. Cannas have been more extensively used in window boxes, vases and other forms of exterior decorations this year. Most of the large hotels and clubs here have been decorated with cannas, both at entrances and on roof gardens. Unfortunately, though, poor varieties have been used. The sooner our large canna growers discard these poor sorts, the better for the canna. It is as easy to grow a good one as a bad one, and the result is better for all.

C. H. Joosten left Saturday for Europe.

Frank Millang, of the Thirty-fourth street market, was the busiest man at that busy place on Saturday morning. He was receiving congratulations and "setting 'em up." It's a young lady this time.

Mr. James Wood, of Mt. Kisco, has had to use 16 boxes of 12x14 glass to replace what was broken by the hailstorm of July 1.

Weidet Bros., Mt. Kisco, are building two new violet houses 12x72.

I shall not be able to give you the names of the warriors we shall send to invade Omaha just now, but they will be there on time.

Many of W. R. Smith's friends are deeply concerned abont his health and sincerely hope the grand old man of Washington may soon recover. D.

ST. LOUIS.

The Market.

The cut flower trade has not improved any since last week. Roses are better in quality. Some very fine Perles, Meteors and Kaiserins are seen. Asters are in full bloom and meet with good sale at $1 per 100. The heavy rains of late have done a world of good to the outside stuff.

News Items.

The talk among the florists nowadays is, "Are you going to the convention?" and from present indications we will send a large delegation to Omaha next week.

Mr. Evans, of the Quaker City Machine Co., Richmond, Ind., was a visitor last week. Mr. Evans is on his way to Omaha.

Mr. T. W. Guy, for many years in business at Kimswick, has retired from business and rented his greenhouses to Fred Fabry, who will grow cut flowers for the St. Louis market.

The Ayers Floral Co. have sold out their business at 3024 Easton avenue to Miss Atkinson. Mrs. M. Ayers, who has been the head of the firm for many years, will retire for a short time and will reopen, it is reported, on Grand avenue in the fall.

Ellison & Tesson have opened their third store under the Century building, Ninth and Olive streets, to be known as the Century flower store.

Frank Fillmore is very busy repairing his houses and making a few alterations.

Beyer Bros. are building a fine show house on their place facing Grand avenue; also other improvements that will give their place a fine appearance.

J. F. Ammann, of Edwardsville, is cutting the best Meteors that have come to this market for a long time. J. F. is talking of entering for the fat men's race at Omaha.

Max Herzog, at Gratiot Station, is housing his carnations this week. Max is always busy. He has also made some new and good improvements.

Fred Weber, who has been sick for the past two weeks, is improving and will be out again by the end of the week in time to make the trip to Omaha.

John Young has changed his plans of going east. John will now go to Omaha, in company with his daughter. They will also visit Denver after the convention.

Gus Eggeling, assisted by Mr. Gadd, is making some great improvements at their place on Grand and Lafayette avenues. Mr. Eggeling will not be able to go with the boys to Omaha. It would be a cinch for Gus in that fat men's race.

Bowling Notes.

Following is the list of St. Louis bowlers that will be at Omaha during the convention: C. A. Kuehn, C. C. Sanders, John W. Kunz, Carl Beyer, Emil Schray, J. J. Beneke, F. C. Weber and John Young. The first named six will be the team to represent St. Louis in the bowling match.

Others who will go with the party are: Chas. Connon, Sr., L. Armstrong, R. F. Tesson, J. F. Ammann, Julius Koenig, Sr., Charlie Weber, E. H. Michel, E. W. Guy, Prof. Wm. Trelease and M. Rice, of Philadelphia. Among the ladies that are going are: Mrs. J. Koenig, Sr., Mrs. Fred Weber, Mrs. J. J. Beneke, Mrs. C. C. Sanders, Miss Michel and Miss Young.

Florist Club.

The Florist Club meeting on Monday night was not so well attended as it should have been for the annual election of officers. This goes to prove that the night meetings will never do, as we have members in Belleville, Kirkwood and Edwardsville who are regular in attendance, but cannot come if night meetings continue. For those who live in town the night meetings would be all right, but we must protect our suburban members, and for this reason must have our meetings in the afternoon at 3 o'clock, as provided for in our constitution and by-laws.

There were only two candidates for president in the field—C. C. Sanders and W. C. Young—the others having withdrawn. After the ballots were counted it was found that C. C. Sanders was elected president by a vote of 17 to 1. Max Herzog was elected vice president; Emil Schray, secretary, and J. J. Beneke, treasurer; elected by unanimous vote, having no opposition. The new trustees for the year are J. W. Kunz, F. W. Ude, Jr., and Julius Koenig, Jr.

Applications for membership from Richard Frow and Henry Berning were received and filed.

E. H. Michel, J. W. Kunz and J. J. Beneke were appointed a committee to procure suitable badges for the members going to Omaha.

The transportation committee reported that between twenty and twenty-four would go to Omaha next Sunday night to represent St. Louis at the convention. The meeting then adjourned.

The newly elected president took the whole party over to the Turner building for lunch and refreshments, and after a few speeches the party broke up after three cheers for the new president.

BUFFALO.

With the exception of gladiolus all flowers are rather scarce. The long protracted drought has made peas and asters scarce. Inside carnations are on their last legs, or rather stems, and the new crops from the field have made their appearance, but are small and short.

The Picnic.

I expected to have a pleasant story to tell you of our outing, which was to have been last Wednesday, but, alas! just as we took our seats in the little "Silver Spray," which was intended to carry us down the river, a great storm came up from the west, changing the atmosphere at the rate of fifty miles an hour, spreading the medium of electrocution all around and raining, not cats and dogs, as you sometimes hear about, but solid sheets of welcome water. The kids got ugly and fractious, the girls looked sad, but more than one baldhead thought to himself, "Well, it's mighty good for carnations. But, alas! it was local, and our surrounding country badly needs rain. All's well that ends well. Had that storm caught us in the middle of the river and all rushed to one side of the boat, there would have been seventy-five young and old of the craft going at intervals over the falls. That would have made quite a gap in the noble army of florists. Still there would have been plenty left to carry on the business at its present volume. The picnic was postponed till after the convention. There was a good attendance of out of town florists. Mr. Rockwell, of Bradford, was aboard and his cheerful disposition was ready to take a hand in any little game adapted to his age. Mr. and Mrs. John Walker, of Philadelphia, were also among the list of saved.

Notes.

We anxiously look for tidings of the complete recovery of Mr. Wm. R. Smith. Few men, if any, are so well known to the florists and more cordially liked than the venerable ex-president. I can't remember a convention without his familiar presence and we all hope to see him at many another.

Mr. and Mrs. Vincent, Jr., of White Marsh, Md., start up the lake tonight, en route to Omaha. The New York delegation intends, I believe, to spend the Sunday at Niagara. If they are a quiet, orderly crowd I would like to meet them. The few from Buffalo will leave either by the Wabash or Lake Shore Sunday evening and join the Chicago party on Monday evening.

We can't avoid hearing and reading remarks on the next available president of the S. A. F. It is a new departure to discuss or mention the names of candidates in the trade journals, but I see no harm in it. The gentleman from Mt. Greenwood who grows the big Jubilee and Pingree carnations would be an ideal man for the presidency, an ornament physically and mentally, the best of guides; in fact, to liken the society to a vessel sailing into the future, she could never have a better Rudd-er. We would have to support him because of his complete and admirable fitness for the position.

We were favored yesterday with a call by the illustrious Jaggs, I mean Baggs. There is no Jaggs at present about Mr. Baggs. He is a traveled man, has seen much of the world. The

last part he saw was Canada, and prior to that Middlesex, England. His flow of English is superb and his descriptive powers are grand. One quotation will suffice, but the delivery I cannot convey to you; it is as smooth as the best quality of syrup trickliug from a bunghole. "As you go down Tottenham way you can hardly believe the sight there—Tommy Rockford with 35 acres, his brother Joe with 15, and others as large. Believe me, sir, it is like looking on Lake Ontario—it's a sea of glossy." W. S.

TORONTO.

G. & F. Association.

The Gardeners' and Florists' Association after four months' rest will meet again at the usual place on Tuesday the 16th inst. The executive committee will meet this week and arrange a suitable opening program. It is expected and to be hoped that there will be a large turn out.

Remember the fee is only $1 a year more. It is worth that alone for privileges in connection with the Chrysanthemum Show, but the fact of the profession being united in one body and meeting to discuss events past, present and future, etc., is worth more than can be seen with the naked eye.

Hort. Society.

The meeting of the Horticultural Society on Tuesday last was attended by many of the school children who have been given chrysanthemum plants to grow for the show. They were asked to attend in order that they might receive further instructions as to their cultivation. After the meeting they were each sent home happy in the possession of a bunch of flowers, some of the boys having brought a lot down for that purpose.

An arrangement was made at the meeting that the members of the society should meet at certain public gardens on certain days. Last Friday a goodly number met at the Horticultural Gardens where Mr. Watkins officiated by pointing out the special beauties under his care and by answering in his usual lucid and interesting style the innumerable questions put to him. After spending about an hour there the party moved over to the Normal School gardens where Mr. Ewing officiated in like manner with variations.

The president, Mr. Ross, accompanied the party but was too much taken up with some American ladies who had come over to visit and to whom he was showing the lions of the city to take in the whole show.

Next week Exhibition Park and the Central Prison gardens will be visited; the week after Parliament Buildings new greenhouses and grounds and Government House, then the Steele, Briggs Seed Co.'s place.

Notes.

The first cricket match of the season will be perpetrated at Exhibition Park on the 10th inst. D. V. and W. P.

The weather is still very dry but in spite of it all the flower beds in parks and gardens are looking really fine, as good as I ever saw them and they are now at the zenith of their glory, I suppose.

The annual excitement on the approach of the Industrial Exhibition is awakening. The show promises to be bigger and better than ever. Some of the brethren are expected on their way home from Omaha and as the Canadian Horticultural Association will hold its convention during the second week they may reap some advantage by staying over. Certainly they will be cordially welcomed by all. The exhibition is held from August 29 to September 10. Plants are entered the first week and remain all the time; cut flowers are entered the second week. Our old friend, Capt. McMaster, has given out that he will present a silver medal to the best table of decorative plants. E.

ST. PAUL, MINN.

Midsummer dullness still prevails. Nearly all stock is very scarce and hard to obtain. All of the growers have summer roses planted and are cutting a fair crop, but the supply at times is wholly inadequate. In whites, Kaiserin is the favorite, and is truly a grand thing. Meteor is now very fine. In pink, Testout is the only variety grown here for summer, and is very much in favor. Perle and Sunset are grown only in limited quantities. Carnations are very scarce. There are no good blooms to be had. Our growers should plant some carnations for summer blooming.

Owing to the continued drouth, which was only broken last week, sweet peas and other outside stock are not as plentiful as earlier in the season. We were treated to a perfect deluge of rain, accompanied by terrific lightning, on Friday, the 5th. While we have not heard of any damage to stock or houses, still plants on low land must have suffered, as over three inches of water fell between 3 a. m. and 8 p. m. It will be beneficial, however, to all outside stock, and came just in time to be of value to carnation growers, otherwise lifting the plants in the field would have been accompanied by loss.

Everybody is busy and quite a number are getting ready to go to the convention. Carnations are being housed. Roses and mums are all planted and are doing nicely, and if the Twin Cities should hold a mum show this fall, it would be a hummer.

Chris Hansen has purchased three lots opposite his present range of houses and has broken ground for a violet house 11 by 120 feet.

Carlsen & Lauritsen, of the Warrendale greenhouses, have built a small rose house this season and are making much needed repairs to their boiler room. Their stock is in prime condition, being mostly roses for winter blooming.

C. Bussjaeger, in addition to building three new houses, which are now completed and planted, is putting in a new boiler.

Fred Schultze is also putting in a new boiler.

H. J. Puvogel, on Summit avenue, is also in line with a new boiler.

A. S. Swanson has built one new house, but is so far distant I have not yet called and learned particulars.

The florists of the Twin Cities will go to Omaha over the M. & St. L. railroad, leaving Sunday night, August 14. Low rates have been secured and the entire trip can be made at a small expense. For further particulars, address S. D. Dysinger, with L. L. May & Co., St. Paul. From present indications there will not be less than fifteen to attend from here, and this number may be increased to twenty or twenty-five. I hope all will go who can possibly do so. Read Brother Shaw's descriptions of the sights and go and enjoy an outing at a small expense.

Recent callers: Mr. Sim, with H. A. Dreer; Mr. Currie, who was on a flying trip; Mr. Roach, representing J. B. Rice & Co., and several others.

O. Olsen, of Holm & Olsen, is spending his vacation in New York.

C. Anderson, formerly the Hill florist, is now with Dr. Schiffman, our renowned orchid king. X. Y. Z.

GARDENERS' SCHOOLS IN RUSSIA is the subject of No. 159 of the advance sheets of consular reports issued by the Bureau of Commerce, Department of State, Washington, under date of July 6. The information given relates, however, more to schools devoted to the study of agriculture than horticulture. Though rather behind other European countries in the matter of schools of the sort, Russia is evidently awake to their value and they are increasing both in number and usefulness.

TAKE YOUR WIFE with you to the convention if you possibly can arrange to do so. She probably needs an outing even more than you do yourself. Take another wedding trip—to Omaha this time. It will do you both good. You may be sure the ladies will be well taken care of by the local committee.

EVERY ONE in the trade has a chance to earn one or more of the liberal prizes offered elsewhere in this issue of The Florists' Review.

OUR CONVENTION NUMBER will be issued next week and will contain a full report of the Omaha convention.

LAST CALL for advs. for our Convention Number to be issued next week.

ALL ABOARD for Omaha!

WANT ADVERTISEMENTS.

WANTED—Catalogues and price lists from dealers in florists' supplies. Address Leetsdale Greenhouse Co., Leetsdale, Allegheny Co., Pa. Box 67.

FOR SALE—Wilks Hot Water Heater. Size of boiler 16 x 36 inch. In use three years. Address M. & S. Dysinger, Albion, Mich.

SITUATION WANTED—As fireman, hard or soft coal; can do general greenhouse work; handy with tools. Address W. Hall, Somerton, Philadelphia, Pa.

FOR SALE—Six greenhouses (6,000 feet of glass) all in good condition and well stocked; all modern improvements; located in one of the principal cities of Southern Michigan, with population of 4,000. No competition. Have other business. Must sell. Address Michigan, care of Florists' Review.

FOR SALE—Four greenhouses, nearly new. Good retail stand. A. CLAUS, Springfield, Ill.

SITUATION WANTED—By practical florist. German, age 27. 12 years' experience in palms, ferns, pot plants in general. Good references. State terms. Address L. K., Florists' Review.

SITUATION WANTED—By carnation grower, 15 years' experience, 5 years with last employer. Address D., care Florists' Review.

FOR RENT OR SALE—First class retail stand. 5,000 feet of glass. New. In city. Ought to net good man at least $3.00 per day. Must buy stock, about $500.00. Reason for selling, failing health. Address "Illinois," care Florists' Review.

FOR SALE—First class florists' store in Chicago. Excellent trade, established fifteen years. Owner desires to devote his whole time to other business. An unusual opportunity. Address Max, care of Florists' Review.

WANTED—Young German florist for growing pot plants. Art Floral Co, 3907 Cottage Grove Ave., Chicago, Ill.

WANTED—Young man, single, German preferred, who understands growing roses, carnations and violets. References required. Establishment two miles from Washington. Good wages. Address W. H. K., Langdon, D. C., Box 6.

FOR SALE—About 3,000 feet 4-inch cast iron greenhouse pipe (in 5-foot lengths) and fittings, also 4,000 lights A glass, 10x12, all in good condition. Make me an offer for the lot, F. O. B. cars here. T. Appleton, Lake Forest, Ill.

FOR RENT—To reliable party, the old establishment, consisting of 11 greenhouses, 16,000 feet of glass, newly built; also store. Finest location in Chicago. Cause, poor health, Garfield Park Floral Co., 1688 W. Madison Street, Chicago.

SITUATION WANTED—By expert grower of plants and cut flowers. Competent in every department. Seeks a situation where he may have a chance to make his services worth more than in his present place. Can surely advance his employer's interests if given suitable opportunity. Address S. D., care Florists' Review, Chicago.

For Sale. Wooden Tanks.

Two-inch clear oak staves, 5 iron hoops, holds 45 barrels, about 6 ft. deep and 8 ft. in diameter, in first class condition. Have not been exposed to the weather. Knocked down with staves numbered, loaded on cars, for **$12.50** each, cash.

CRITCHELL'S B. P. CRITCHELL, Manager. CINCINNATI, O.

Mention Florists' Review when you write.

FOR SALE--A Bargain

Scolley Boiler, capacity 1,000 ft. 4-in. pipe, 600 ft. 4-in. pipe elbows, Y's T's, expansion tank, four 4-in. valves. 150 ft. of the pipe, flange and bolt joints, weighs 10 lbs. to foot, balance in 4 and 5 lengths rust joints, all in good condition, loaded on cars for **$140.00** cash.

B. P. Critchell, CINCINNATI, O.--CRITCHELL'S--Manager.

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Always Mention the....
Florists' Review
When Writing Advertisers.

Cypress Greenhouse Material.

We are the pioneers in Clear Cypress Greenhouse Material. We discovered that Cypress is better than any other wood for greenhouses from top of posts up and we introduced it, and fought for it against many prejudices, and finally succeeded in bringing it into general use.

Others have attempted to follow where we lead, others are trying to reap what we sowed, but we have the experience and are recognized as experts in greenhouse construction.

Write for Circulars or Estimates.

Lockland Lumber Co.
LOCKLAND, OHIO.

J. M. THORBURN & CO.
Late of 15 John Street, Have
REMOVED TO 36 CORTLANDT STREET, NEW YORK.
CATALOGUE OF BULBS AND CHOICE FLOWER SEEDS for Florists now ready and mailed free on application.

Mention The Review when you write.

LAST CALL
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Convention Number

Copy must reach us by the morning's mail of Aug. 17, at the very latest, to be in time.

SUBSCRIBERS are reminded that they will materially advance the interests of their paper by buying supplies of the advertisers in the FLORISTS' REVIEW, always mentioning the name of the paper when sending inquiries or orders. : : : : : : :

Field Grown Carnations All the best varieties ready in September
GEO. HANCOCK & SON, Grand Haven, Mich.
Mention The Review when you write.

Latania Borbonica

TO CLOSE OUT SURPLUS STOCK that we do not want to move.

Four-inch Strong Plants, showing two character leaves, $10.00 per hundred (100), $95.00 per thousand (1,000). Ready for six-inch pots.

Three-inch Very Strong, with two good leaves showing character, $8.00 per hundred (100), $75.00 per thousand (1,000). Ready for five-inch pots.

A few good SAGOS,
with ten to twelve leaves, eight-inch pots, at $2.00 each.

GRITCHELL'S
B. P. CRITCHELL, Manager. CINCINNATI, O.
CASH with order.
Mention Florists' Review when you write.

ANGUS MORRISON,
375 Lincoln Ave. CHICAGO.
Greenhouse PIPE and FITTINGS OF EVERY DESCRIPTION.
Mention Florists' Review when you write.

Always Mention the....
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CATALOGUES RECEIVED.

Wm. F. Kasting, Buffalo, N. Y., cut flowers and florists' supplies; R. Vincent, Jr., & Son, White Marsh, Md., vegetable and other plants; F. O. Pierce Co., New York City, mastica and glazing machine; W. W. Rawson & Co., Boston, Mass., bulbs; E. H. Krelage & Son, Haarlem, Holland, bulbs; Tokyo Nursery Co., Tokyo, Japan, plants, bulbs, seeds, etc.; Ellis & Pollworth, Milwaukee, Wis., wholesale price list cut flowers; Vaughan, McKellar & Winterson, Chicago, Clara cemetery vase; N. Y. Market Gardeners' Association, New York, pansy seed; Pinehurst Nurseries, Pinehurst, N. C., seeds of woody and herbaceous plants; Mrs. T. B. Shepherd, Ventura, Cal., new and rare seeds, plants, cacti and succulents; Schlegel & Fottler, Boston, bulbs; L. L. May & Co., St. Paul, Minn., wizard sprinkler; Benj. Hammond, Fishkill-on-Hudson, N. Y., slug shot, grape dust, tobacco extract, etc.

SPRINGFIELD, ILL.

Mr. Louis Unverzagt and wife are spending three weeks at Waukesha, Wis.

Miss Belle Miller has about completed her new range of glass, having doubled her former range of houses.

Mr. C. Rauth is building a new carnation house 17x60.

Mr. Jas. Walsh is remodeling his office and putting in a new boiler.

A. C.

AMES, IA.—J. L. Budd, professor of horticulture and forestry in the Iowa Agricultural College, has tendered his resignation to the board of trustees. Prof. Budd has been connected with the college here since 1875. Though he retires on account of old age, he will still devote much of his time to writing on horticultural subjects.

MR. CORNELIUS S. LODER, secretary of the National Florists' Board of Trade, will attend the Omaha convention and will be pleased to meet all in the trade, whether members of the Board or not.

...LOUISVILLE...
Florists' Supply and Exchange
Wholesale Florists and dealers in Florists' Supplies
Special facilities for shipping south. Unequaled returns for good stock. Open night and day.
520 W. Jefferson St., Louisville, Ky.
Mention The Review when you write.

Long's Florists' Photographs
To be used in taking orders. Sets $1.75 and up. Purchasers' selections at list prices.
Floral Art Catalogue....
Complete and practical for customers use. 96 arrangements, illustrated and priced. Priced Lists on application.
DAN'L B. LONG, Publisher, BUFFALO.
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KENNICOTT BROS. Co.
WHOLESALE CUT FLOWERS
AND FLORISTS' SUPPLIES.
88 WABASH AVENUE, CHICAGO, ILL.
Carnations, Violets and Valley, Specialties.
Full Line of Wire Work.
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Bassett & Washburn
88 Wabash Ave., CHICAGO, ILL.
Wholesale Growers of and Dealers in CUT FLOWERS
Greenhouses at Hinsdale, Ill.

E. C. AMLING,
Wholesale Cut Flowers
51 Wabash Avenue,
W. S. HEFFRON, Mgr. .....CHICAGO.

W. E. LYNCH,
...Wholesale Florist...
The right kind of stock, packed in the right way, delivered at the right time, and at the right prices
19-21 Randolph St., CHICAGO.

A. L. RANDALL
Telephone 1496
Wholesale Florist
4 Washington St., Chicago.
In our new and enlarged quarters we are better prepared than ever to handle your orders.

Full Line of Wire Designs and Florists' Supplies
S. B. WINTER
Successor to Winter & Glover
Write for Illustrated Catalogue.
21 Randolph St. CHICAGO.
HIGH GRADE Cut Flowers
Properly Packed and Promptly Forwarded.

WHOLESALE GROWER OF ROSES. DEALER IN CUT FLOWERS.
J. A. BUDLONG,
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HOLTON & HUNKEL CO.
Wholesale Florists
And Florists' Supplies.
Phone 874. WIRE DESIGNS—OUR OWN MAKE
457 Milwaukee St.
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SUCCESSORS TO
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WHOLESALE GROWERS OF Cut Flowers
All telegraph and telephone orders given prompt attention.
51 Wabash Ave. - CHICAGO.
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V. M. & W.
Wholesale Florists,
47 WABASH AVE., CHICAGO.
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A. G. Prince & Company
Telephone .....Main 3208
Agents for..... HINSDALE ROSE CO.
WHOLESALE CUT FLOWERS AND FLORISTS' SUPPLIES
88 and 90 Wabash Ave., - Chicago
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C. A. KUEHN WHOLESALE FLORIST
Cut Flowers and Florists' Supplies.
Manufacturer of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.
1122 PINE STREET, ST. LOUIS, MO.
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ST. LOUIS CUT FLOWER CO.
Wholesale Florists
E. H. MICHEL
1620 Olive St., St. Louis, Mo.
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For the best in the nursery line, both in
FRUITS AND ORNAMENTALS
and at prices to suit the times, consult
THE STORRS & HARRISON CO.,
Box 32 Painesville, Ohio.
Correspondence Solicited. Catalogues free.
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REINBERG BROS.

600,000 FEET OF GLASS.

WHOLESALE GROWERS OF CUT FLOWERS.

We can fill all orders on short notice with all leading varieties of Roses and Carnations. We are headquarters for fine AMERICAN BEAUTIES. Give us a trial and convince yourself.

Write for Prices on ROSE PLANTS. 51 Wabash Avenue, CHICAGO.

Lilium Harrisii.

5 x 7, $37.50 per 1,000, $4.00 per 100. 7 x 9, $75.00 per 1,000, $8.00 per 100.
Terms 90 days to customers of approved credit; otherwise, cash with order.
Prices on all other Bulbs and Roots cheerfully given.

F. W. O. SCHMITZ, - - JERSEY CITY, N. J.

...PANSY SEED...

If you want the finest large and fragrant Pansy flowers Try Woodbury's Noted Seeds.

A FINE ASSORTED COLLECTION, 50 cts.

Finest German and Giant flowered French strains, blended, or either separate, two thousand seeds, 50c. Quarter ounce, $1. Ounce, $4. List free.

DAVID B. WOODBURY, Pansy Specialist,
SOUTH PARIS, MAINE.
Mention Florists' Review when you write.

JOHN THE PANSY MAN

That's what they call me.

FRESH SEED NOW READY.

J. B.'s Challenge is all that the word implies. Try it. Large trade packet $1.00 cash.

JOHN BEIMFORD, Wilton Junction, Ia.
Mention Florists' Review when you write.

CARNATIONS -- Pingree, Armazindy and Triumph, field grown. Ready now, write for prices.

ROSES -- Brides, Belle Siebrecht and Meteors in 3-inch pots. Maids, Brides and Beauties in 2½-inch pots.

SMILAX, in 3-inch pots, $3.00 per 100.

Send 50c or $1.00 for samples and prices to

GEO. A. KUHL, Pekin, Ill.
Mention The Review when you write.

FERNS

Pteris Tremula, ready to shift into 4-inch, $3.50 per 100, $30.00 per 1,000.
P. Cretica Albo-lineata, $3.50 per 100.
N. Davalloides furcans, $10.00 per 100.

R. Witterstaetter, Sedamsville, O.
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SPECIAL for TWO Weeks.

Our SMILAX must be planted out or potted up right away. All orders received before August 15th will be filled at the nominal price of 75c per 100, $5.00 per 1000, cash with order. Bear in mind these are extra strong plants out of 2-inch pots, which makes a great saving in freight compared to 2½-inch pots, and are every way as good.

Order at once and save money.

SOUTH SIDE FLORAL CO., Springfield, Ill.
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Rose Plants.

Brides, 3½-inch..... $4.00 per 100
Bridesmaids, 3½-inch..... 4.00 "
Meteors, 3½-inch..... 4.00 "
Healthy, vigorous plants; grown for our own use. May be returned at our expense if not satisfactory.

BURLINGAME, CALIFORNIA.
BRANT & NOE—Gentlemen: Rose Plants arrived in splendid condition. Yours truly, E. H. McCLELLAND.

BRANT & NOE, FOREST GLEN, ILL.
Mention The Review when you write.

ALLEN'S DEFIANCE MIGNONETTE.

A fine lot of Fresh Seed now ready.

Also 10,000 Asparagus Plumosus Nanus, in 2-inch and 3-inch pots. Write for prices.

SAMUEL FEAST & SONS,
228 N. Charles St., BALTIMORE, MD.
Mention Florists' Review when you write.

PANSIES Worth Raising.

New and Reliable Seed, of our well known variety.
3-16 oz.... $1.00 1 oz.... $4.00 Cash with order.

C. SOLTAU & CO.,
199 Grant Ave., JERSEY CITY, N. J.
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CARNATIONS.

H. WEBER & SONS, - OAKLAND, MD.
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LAST CALL

FOR ADVS.
FOR OUR....

Convention Number...

Copy must reach us by the morning's mail of August 17, at the very latest, to be in time.

Correspondence Solicited

ORCHIDS

Imported and established stock of A1 quality always on hand, also a complete line of best Cherry Wood Baskets, Fresh Moss and Peat, etc.

ARRIVED, IN FINE CONDITION,

Oncidium Varicosum Rogersii, $15.00 per dozen.
Oncidium Kramerii, 2 to 3 leaves. $15.00 per dozen.

Lager & Hurrell, Growers and Importers.... Summit, N. J.
Mention Florists' Review when you write.

THE ANNUAL MEETING

OF THE

FLORISTS' HAIL ASSOCIATION

WILL BE HELD AT

OMAHA, in First Congregational Church,

...ON...

Wednesday, August 17th, 1898,

at 3 o'clock P. M.

JOHN G. ESLER, Sec'y.

FORGING ROSES.

	Per 100.	Per 1000.	Per 100.
	2½-inch.		3½-inch.
BRIDE	$2.50	$22.50	$4.00
BRIDESMAID	2.50	22.50	4.00
METEOR	2.50	22.50	4.00
KAISERIN	3.00		

MOON VINES, $20.00 per 1000.

THE NATIONAL PLANT CO.,
DAYTON, OHIO.
Mention Florists' Review when you write.

ROSES

Maids, Brides, Perles and Meteors, in 4-in. pots, $8.00 per 100. Kaiserin, Perles, Meteors, Maids and Brides, in 3-inch pots, $6.00 per 100.

VIOLETS, Marie Louise, in 2½-in. pots, $3.00 per 100. BEGONIA REX, in 4-in. pots, $20.00 per 100. All of the stock is in fine, healthy condition.

WM. F. KASTING,
495 Washington St., BUFFALO, N. Y.
Mention Florists' Review when you write.

NEW AND SECOND-HAND MATERIAL

purchased from Sheriff, Receiver, and Assignee sales at less than one-half prices. Pipe and Fittings, Hose, Florists' Wire, Hot Water Heaters, Greenhouse Boilers and Engines, Rope, Light Wrought Iron Pipe, Glass Sash, and thousands of other articles, for sale by

CHICAGO HOUSE WRECKING CO.
Largest Mail Order Depot for New and Second-Hand Material in the World.
W. 35TH & IRON STS., CHICAGO.
Write for our free illustrated catalogues.
Mention Florists' Review when you write.

Mention The Florists' Review when writing advertisers.

WASHINGTON.

The boys remain remarkably cheerful despite the dullness. They say it might be worse.

A delegation of eight will leave here next Sunday for Omaha, and they are primed for a good time. They are the boys who do not wait for some one to entertain them, but are all good entertainers and are sure of a good time.

Mr. W. A. Manda was a visitor here last week. He took in the entire show.

Mr. Wm. R. Smith remains in about the same condition. His physicians say there is not the slightest chance for his recovery. It is only a question of time, the hemorrhages leaving him very weak. W. H. K.

August 8, 1898.

DAYTON, O.

The Dayton Floral Co., which lost nearly everything in last spring's flood, including all their Easter stock, bulbs, plants, household goods, etc., are now rebuilding and will try it again. Their loss by the flood was over $3,000, caused by the breaking of the levee only two squares from their place.

Otherwise the florists here are all prospering and the usual amount of remodeling is going on.

There has been quite a number of funerals lately and flowers are very scarce. Asters are a complete failure. Chrysanthemums only fair. M.

PHILADELPHIA.

The fourth annual excursion of florists and gardeners of Philadelphia and vicinity to Dreer's Nurseries, Riverton, N. J., will take place Tuesday, Aug. 16. The steamer "Columbia" will leave the Chestnut street wharf at 11 a. m., and the steamer Twilight at 11:30 a. m.

These annual excursions have always proved very enjoyable occasions in the past and the coming one is looked forward to with very pleasurable anticipations.

HUNT'S REVIEW OF THE CHICAGO MARKET.

With an increasing demand and more stock to meet it we think the tide has turned and from now on business will be on the ascendency.

Young stock is growing more plentiful every day, blooms of good size and color, but stems short as yet. The only real shortage is in carnations of good quality, there being practically none to be had; plenty of outside grown, but they show the effects of our late, and we all hope, past, scorching weather. Asters are decidedly long, because of small demand. Sweet peas are abundant and the quality is not as good as it has been earlier in the season.

Local trade seems to be picking up, and while there is some complaint, the general tone is better.

Country trade seems to be about the same as it was last year at this time, but everyone throughout the country is looking for a big trade the coming year, and from the general feeling in other lines, we think this is likely to happen.

Chicago, Aug. 8th, 1898.

ADVS. for our Convention Number to be issued next week must reach us by the morning's mail of Aug. 17 to be in time.

SAMUEL S. PENNOCK,
Wholesale Florist,
LONG DISTANCE TELEPHONE
1612-14-16 Ludlow Street, ...PHILADELPHIA, PA.
Mention The Review when you write.

ROSES- American Beauty, Bride, Bridesmaid, Perle, La France, Testout, Morgan, Niphetos. Kaiserin, 3 and 4-inch. ASPARAGUS PLUMOSUS, all sizes. MARIE LOUISE VIOLETS, young plants, well rooted.
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Fresh Crop of Choicest **GIANT PANSY Seed,** brilliant coloring, from Germany and Scotland. Per Trade pkt., 25c. (Have supplied the Pacific Coast for years.)

CYCLAMEN GIANT PERSICUM.

Fresh crop **Giants.** Pure white, rose, red, white with pink eye, rose with red eye. Per 100 seeds, 75c, in separate colors. Mixed, per 100 seeds, 65c. Cyclamen **BULBS** of above sorts, 2 to 3 inches diameter, **separate,** dozen, $1.00. Roman Hyacinths, white, 12-15, per 100, $1.90; per 1000, $18.00. Roman Hyacinths, white, 13-15, per 100, $2.25; per 1000, $20.00

Selected bulbs Freesia Refracta, per 1000, **delivery included,** $3.50; 250 bulbs at 1000 rate. 5 per cent. discount for cash.

H. H. BERGER & CO.
220 Broadway, NEW YORK.
(Established 1878.)
Mention Florists' Review when you write.

PANSY SEED!
THE JENNINGS STRAIN.
It is First-Class in Every Respect.

Finest mixed in great variety of fancy colors, $1.00 per pkt. of 2500 seeds; $6.00 per oz.; 3 ozs., $15.00. Prepaid by mail.

Finest Yellow, White, Blue, Black, Red, Pink and Lavender shades, in separate colors, $1.00 per pkt. All large flowering.

CASH WITH ORDER.

E. B. JENNINGS,
Grower of the Finest Pansies,
Lock Box 254. SOUTHPORT, CONN.
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H. Bayersdorfer & Co.
THE LARGEST SUPPLY HOUSE IN AMERICA
New Catalogue of all Florists' Supplies on application. For the trade only.
50 to 56 N. 4th Street, PHILADELPHIA, PA.
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White Plume, Golden Self-Blanching and Giant Pascal.
Field-grown plants at $1.00 per 1,000; $8.50 per 10,000. Cash with order. Samples free.
C. M. GROSSMAN,
WOLCOTTVILLE, IND.
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GIVE US A TRIAL WE CAN PLEASE YOU.

ROSES, CARNATIONS, and All Kinds of Seasonable Flowers in stock.
WM. F. KASTING, Wholesale Commission Florist,
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Also Dealer in Florists' Supplies and Wire Designs.
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WM. J. BAKER,
WHOLESALE CUT FLOWERS,
1432 S. Penn. Square. PHILADELPHIA, PA.
Original Headquarters for CARNATIONS.
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Wholesale Florist,
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Our central location enables us to fill out-of-town orders at short notice.
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JOSEPH HEACOCK,
WYNCOTE, - - PHILADELPHIA, PA.
GROWER OF
ARECA LUTESCENS,
COCOS WEDDELIANA,
KENTIA BELMOREANA,
LATANIA BORBONICA.
Mention Florists' Review when you write.

Boston Fern.
Well Grown, Leafy Plants.
8-inch pans, $1.50 each, $18.00 per dozen.
6-inch pots, $1.00 each, $12.00 per dozen.
JOHN WELSH YOUNG. Germantown, Pa.
Upsal Station, Penna. R. R.
Mention The Review when you write.

SEEDS

Primula, Gloxinia, Calceolaria, Pansy, Cineraria.

We are booking orders now for the above, which will be filled promptly on receipt of the **New Crop** Seed, which is due to arrive soon. Our strains of these important Florists' flowers are unsurpassed. If you have not heretofore given our seeds of above varieties a trial, do so this year. We invite comparison with any.

READY FOR DELIVERY.

...PANSIES...

Order now and seed will be sent as soon as **new crop seed arrives.**

Hunt's Pansy Seed has made a name because of the **quality** of the strains. We would be pleased to send our catalogue of Florists' Flower Seeds to any one in the trade. It contains a general list of all Florists' Seeds.

	Oz.	½ Oz.	Tr. Pkt.
Fine Mixed	$1.00	$0.25	$0.10
Extra Choice Mixed	3.00	.50	.15
Unrivalled Mixed, by long odds the best strain in the market	8.00	1.00	.25
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ALSO ALL THE NAMED VARIETIES.

S E E D S

	Trade Pkt.
PRIMULA Sinensis Fimbriata. Single, white	50c
" red	50c
" kermesina splendens	50c
" mixed	50c
Double, white	50c
" red	50c
" mixed	50c
CINERARIA Hybrida Grandiflora, large flowering, finest mixed. Our Cineraria seed is known among those who grow the finest plants.	50c
CALCEOLARIA Hybrida Grandiflora. We have a special fine strain to offer.	50c
GLOXINIA Hybrida, large flowering, mixed	50c

TWINE FOR TYING "MUMS." 4-ply Best Cotton, per 5-lb. sacks, 75c. 3-ply Second Grade Cotton, per 5-lb. sacks. 70c.

E. H. HUNT, 76 Wabash Ave., Chicago.

Asparagus Plumosus Nanus

Strings 8 to 10 feet long, 50 cents. Shipped to any part of the country.

W. H. ELLIOTT,
BRIGHTON, - - - MASS.
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"JUST ARRIVED."

We have just received a fine lot of fresh Seeds of

PANDANUS UTILIS,

$6.00 per 1,000.

Last chance for our **Jardiniere Ferns** in 2¼-in. pots.

SIEBRECHT & SON,
New Rochelle, N. Y.
Mention Florists' Review when you write.

SMILAX.

Fine stock, ready to run soon as planted, winter sown and several times headed back, 2½-inch pots, $2.50 per 100.

NATHAN SMITH & SON, Adrian, Mich.
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50,000 Extra Strong Smilax Plants

Out of 2¼-in. pots, **$1.25** per 100; **$10** per 1000.
Cash with order. Address
FRED SCHNEIDER, Florist,
751 Crawford Road, Cleveland, O.
Mention The Review when you write.

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E. G. HILL & CO.

RICHMOND, IND.

FINE CYCAS REVOLUTA STEMS

Sizes, 3 to 6 Lbs. 10 Cents Per lb.

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REED & KELLER,

122 W. 25th St., NEW YORK CITY.

Manufacturers of and Dealers in **WIRE DESIGNS**

FLORISTS' SUPPLIES

Mention Florists' Review when you write.

Live Sphagnum Moss
For Orchids, etc., $1.25 per bbl.

Sphagnum Moss First quality, 85c per bale, 10 bales $6.00.

Peat $1.20 per bale, quality A No. 1.

Z. K. JEWETT & CO.,
SPARTA, - - WISCONSIN.
Mention Florists' Review when you write.

INSURE AGAINST FIRE IN THE

Florists' Mutual Fire Insurance Ass'n.

ADDRESS **W. J. VESEY, Sec'y,**
FORT WAYNE, IND.
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SEND ADVS. **QUICK** FOR OUR

Convention Number

To be Issued **next week**

Extra Circulation, but No Increase in Rates.

Send to **THE MOON**

Company

For Your { Trees, Shrubs, Vines, and Small Fruits.

Descriptive Illustrated Catalogue **Free.**

THE WM. H. MOON CO.,
Morrisville, Pa.
Mention Florists' Review when you write.

THE REGAN ... PRINTING HOUSE ...

Nursery Seed Florists' **Catalogues**

87-91 Plymouth Place, Chicago.
Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

GRAND RAPIDS.

At last we have had the long prayed for rain. It was not as much as could be desired, but it has brought with it ideal carnation growing weather, and the plants already seem to show a marked improvement. There are strong hopes yet of a fine crop of good carnations. Trade has picked up some the past week, what with a slight outside shipping demand and funeral work, has made roses and carnations scarce. Most of the mums are now planted; the end of the week will see them finished.

N. B. Stover has issued a call for a club meeting at the Eagle Hotel for the first Tuesday in September, when matters of importance will come up for discussion, particularly the price of glass, and can it be had any cheaper; also can anything be done to either reduce or remove the duty on Harrisii and other bulb stock not grown in this country?

It would not be a bad idea for some members at the convention to offer a suitable resolution on the subject and have a committee present it to Congress. The fact that the duty protects its production in this country does not hold good in the case of bulbs. Again, committees representing every available district in the country could be appointed to pass around a similar resolution for signatures in their respective localities and hand said resolutions to their congressional representative to present to congress this fall. Much good might in this way be accomplished.

We are all delighted to hear of the movement to locate the next convention in Detroit. It is admirably situated for such a purpose, with its Belle Isle Park, railroad, hotel and every facility that tends to make a desirable convention city. It is within 6 to 8 hours' ride of Buffalo, Cincinnati, Cleveland, St. Louis, Chicago, Milwaukee and all intermediate points. Michigan has never been honored by the florists as yet and we hope all sections of the country will unite in favoring us with their next convention.

Geo. Bowditch, of Park Ridge, Ill., is here on a visit. Harry Balsley, of Detroit, has been buzzing round the past week shying his special mum and azalea pots at the boys. Some dodged —others got hit, the porosity of the pots, however, saved one from being seriously injured. Genial Harry! May his shadow never grow less.

GEO. F. CRABB.

HILLSDALE, MICH. — Mr. Carl Hirsch, proprietor of Hillsdale Floral Park, left Aug. 6 on a trip to New York. He will be away about a week.

DON'T MISS having an adv. in our Convention Number to be issued next week. Send copy at once.

SPARTA, WIS.—Z. K. Jewett & Co. are building a new house, 20x30.

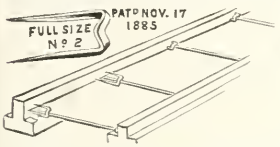
The Harrisii Disease

can be prevented by immersing the bulbs for two hours in a half solution of.....

..Kraft's Plant Tonic.. 99%

This has been conclusively proven by experiments at Lincoln Park, Chicago. The Tonic also kills **Hard Shelled Scale, Mealy Bug,** and other insect pests without injury to the plant. A trial of a 25-cent bottle will convince you that a really remarkable insecticide has been discovered. Send for circular.

Kraft Plant Tonic Co., Rockford, Ill.



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HENRY A. DREER, 714 Chestnut Street, PHILADELPHIA, PA.

When writing mention Florists' Review.

Burpee's Seeds Grow

The MODEL Extension Carnation Support....

Also Wire Rose Stakes.

QUEENS, N. Y., Feb. 16, '97.
MR. THERON PARKER, Brooklyn, N.Y. Dear Sir:—I have tested your latest Model Carnation Support, and am free to say that I consider it the best wire carnation support that I have ever seen. It is quickly and easily applied, and I think will prove very durable, and you certainly deserve great credit for the invention.
Very truly yours,
C. W. WARD.

FLATBUSH, BROOKLYN, N. Y., Feb. 18, '97.
MR. THERON PARKER.
Dear Sir:—Your wire stake is certainly a gem. Without hesitating we endorse it as an up-to-date Carnation Support. Yours truly,
DAILLEDOUZE BROS.

W. HOBOKEN, N. J., Feb. 18, '97.
MR. THERON PARKER, Brooklyn, N. Y. Dear Sir:—It gives me much pleasure to congratulate you upon your success in getting up Carnation Supports. I think that those I have had from you are about as perfect as anybody will be able to make them. They certainly fill my bill for an ideal carnation support, a thing I have been looking for for a long time. Wishing you every success in the sale of them, I am,
Yours truly, E. ASMUS.

Write for Prices, Circular and Special Discounts for early orders.

The Model Plant Stake Co.
THERON PARKER, Mgr., Inventor and Patentee,
22 Morton Street, BROOKLYN, N. Y.

..FERNS..

In fine assortment, from 2½-in. pots,
$3.00 per 100;
$27.00 per 1000.

CHAS. T. DARLING, Stony Brook, L. I., N.Y.

Zirngiebel GIANT PANSIES

Of the market and fancy strains, are still the leading varieties with the Florists' trade. Quality guaranteed. FRESH SEED NOW READY in trade packages at one dollar each.

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Mention Florists' Review when you write.

Now in Course of Preparation

Price, $5.00

Send in Your Order Now....

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It will tell you just what you want to know in just the way you want to be told.

It will cover the whole field of Commercial Floriculture, the articles arranged alphabetically, so that reference may be quick and easy.

It will be a whole library in itself.

Florists' Publishing Co.
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3000 Forcing ROSES

Extra quality; ready to plant at once.
2500 Bridesmaids, 3-in. pots, $5.00 per 100.
500 Brides, 3-in. pots, $5.00 per 100.
Perfectly healthy and first-class in every respect; especially grown for my own planting.

GEO. M. EMMANS, Newton, N. J.

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Western Florists!

Why send east for Carnation plants when you can buy as good or better nearer home. We offer the following **strong, field grown Carnations** for immediate shipment or can book your order and hold until you want them

Marello, scarlet
Della Fox, pink
Ivory, white
McGowan, white — **$4.00**
Silver Spray, white, — **per 100.**
Portia, red
Daybreak, light pink
Wm. Scott, pink

Mayor Pingree, variegated yellow, and Tidal Wave, dark pink, $6.00 per 100.

Jubilee, best red to date.. 8.00 "

VIOLETS.

Strong, field grown clumps, $4.00 per 100. Marie Louise, Swanley White, California.

Samples mailed on receipt of postage.

L. L. MAY & CO.,
ST. PAUL, MINN.

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Herr's Pansies.

Buy the Best. Seed at $1.50 per ¼ oz. Plants at 75c per 100, $1.00 per 1,000.

SMILAX.

Fine Plants from pots at 75c per 100; $5.00 per 1,000. Sample plants for 10c.

ALBERT M. HERR
LANCASTER, PA.

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Rex Begonia.

34 named varieties, 2-inch pots,	per 100.	$5.00
34 " " rooted cuttings,	"	4.00
Mixed Rex, rooted cuttings,	"	2.00
" 2-inch pots	"	4.00

Write for prices on other stock.
Terms cash or C. O. D.
Named Rex Begonias, 3 of each kind in each 100.

GREENE & UNDERHILL,
WATERTOWN, N. Y.

Mention The Review when you write.

Pansy Plants NOW READY

30,000 Nice Seedling Pansy Plants now ready from 1898 seed, for November and later blooming, 50c per 100; $2.50 per 500; $4.00 per 1000. Samples free. Mitting's Giant Flowering Pansy Seed, trade pkt., 50c; 1 oz., $4.00. This seed will raise 50,000 plants to the pound.

The MORRIS FLORAL CO., Morris, Ill.

Mention The Review when you write.

CHRYSANTHEMUMS

Standard varieties $2.50 per 100, our selection. **Bougainvillea G. Sanderiana,** 3-inch pots, $1.50 per doz., $10.00 per 100. **Cyclamen,** white, pink, red and white, crimson eye, 2½-inch pots, $5.00 per 100. **Cyperus Alternifolius,** 2½-in. pots, $2.50 per 100. **Grevillea Robusta,** $2.50 per 100.

NATHAN SMITH & SON, Adrian, Mich.

Mention Florists' Review when you write.

$50.00 in Prizes!

The Florists' Review offers the above amount for a description of some really valuable and practical labor or money-saving unpatented device or method of culture of benefit to florists, that has not yet been published. If a drawing is needed to make the matter plain, it may be of the roughest character.

The awards will be made entirely on the practical value of the device or method, though a well worded description and intelligible drawing will be desirable.

First Prize, $25.00
Second Prize, $15.00
Third Prize, $10.00

If you know of some useful labor or money-saving device or method of culture of which a description has not yet been published, you can easily win one of these prizes, and if you know several such you may be able to win them all.

Make your descriptions as brief as is consistent with clearness. Remember that simple devices are more generally useful than elaborate ones. What are wanted are those that will prove most valuable to the great mass of the readers of the Florists' Review. Competition open to all.

The prize-winning descriptions (and drawings, if any), will be published in the Florists' Review. And should others seem worthy of publication they will also be given space as opportunity offers.

Address

Editor Florists' Review,
520-535 Caxton Bldg., CHICAGO.

LAST CALL (FOR ADVS. FOR OUR) **Convention Number.**

COPY must reach us by the morning's mail of Aug. 17, at the very latest, to be in time.

"We Kill Weeds Scientifically" How?

ADDRESS THE
FAIRMOUNT CHEMICAL LABORATORY,
N. W. Corner Broad Street and Fairmount Avenue,
PHILADELPHIA, PA.

CLEVELAND.

The Market.

The condition of the cut flower trade remains about the same. There is nothing doing at the stores except some house cleaning.

A Nuisance.

Florists are expressing themselves quite freely on the subject of crepe chasing, as this city is infested with some of those individuals. One of the craft has the art down to perfection. When the morning paper arrives, before most florists are at their stores, he makes a note of the death notices. Mr. Florist does the East side, Mrs. Florist does the West side. This is not the worst part of it. Each is armed with a catalogue, such as is issued by Mr. Long. They show this to the prospective customer, the prices and cut of the different designs as quoted in catalogue, and tell them these are the prices of the other florists, generally naming a leading florist. They say they will make up the same work for one-half or one-third less than quoted. One leading florist will prosecute if some one can tell him how. Others are in favor of organizing a white cap committee.

Notes.

The Florist Club had a meeting Monday, only nine members being present. It looks as if Cleveland would not have more than six or seven representatives at Omaha.

Mr. L. Forebach, with J. H. Rebstock, Buffalo, is visiting here this week.

Mr. James T. Aldous, formerly with J. M. Gasser, of this city, is now with A. L. Thrall, Buffalo. He has the best wishes of his fellow craftsmen of Cleveland.

James Eadie will have a swell, up-to-date store by September 1. The old store has been remodeled and has one of the latest windows. Miss Eadie promises to make things lively for the other florists on the avenue in the way of window trimming. O. A. C. O.

LOUISVILLE, KY.

Mr. Alex. Galt Robinson has been elected a director and the general manager of the Louisville Spirit Cured Tobacco Co., manufacturers of the Rose Leaf tobacco extract now so largely used by florists. Mr. Robinson has for many years had charge of the extract department of the company's business and has made a host of friends among the florists of the country, all of whom will be greatly pleased to hear of his advancement.

IF YOU have anything to offer to the trade you will want an adv. in our Convention Number to be issued next week. Send order and copy at once or you will be too late.

F. R. PIERSON CO.

TARRYTOWN-ON-HUDSON, N. Y.

IMPORTERS, GROWERS AND DEALERS IN CHOICE SEEDS, BULBS AND PLANTS

Hot-Bed

Sash.

Tenons white-leaded. Corners secured with iron dowel pins. Every detail of construction perfect. Made of Clear Cypress Lumber.

Quick Shipments.

We have in stock and can ship immediately:

3	ft. x 6 ft., 3 rows	10 in.	glass.
3 ft. 3 in. x 6 ft.,	4 "	8 in.	"
4	ft. x 6 ft., 5 "	8 in.	"

Not glazed, 1¾ in. thick.

Delivered Prices

Quoted on application. State size and quantity wanted. No order too small to receive careful attention, and none too large for our facilities.

LOCKLAND LUMBER CO.,
Lockland, Ohio.

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Copy must reach us by the morning's mail of Aug. 17, at the very latest, to be in time.

Roses and.... Chrysanthemums

STOCK THAT WILL GIVE YOU SATISFACTION.

Brides, Maids, Meteors, 3-in., $4.00 per 100; $35.00 per 1000. 4-in., $5.50 per 100.
Beauties, 3-in., $5.00 per 100; $45.00 per 1000.
Beauties, 4-in., $8.50 per 100.
Chrysanthemums. — 2½-inch stock, of Lady Fitzwigram, Glory de Pacific, Bergmann, Robinson, Bonnaffon, Modesto, Perrin, Viviand-Morel, Maud Dean, Maud Adams, Emil and Gretchen Buettner, Yellow Jones, D. Spaulding, Lottie Berry, Marion Henderson, Crawford, Snowball, Defender, Mayflower, Thanksgiving, Whithers, Morton, Irene Woodford, Murdock, Golden Trophy, M. M. Johnson, Sunderbruch, Merry Monarch, Marquis de Mortmont, at $3.00 per 100. No more Rooted Cuttings.

POEHLMANN BROS.
MORTON GROVE, COOK COUNTY, ILL.
Mention The Review when you write.

Chinese Primroses.

15,000 single, mixed colors, 2-in. pots, $2.00 per 100
Cineraria, 2-in. pots, ready Sept. 1st, 2.00 "

PANSY SEED.

Half ounce.. $2.00. Ounce.... $3.50.

JOS. H. CUNNINGHAM, - DELAWARE, O.
Mention Florists' Review when you write.

Cineraria AND Calceolaria

James Giant Strain,
Per trade pkt., $1.00. Per ½ trade pkt., 50 cents.

STUMPP & WALTER CO.
50 Barclay St. NEW YORK.
Mention Florists' Review when you write.

Sphagnum Moss

A very select quality, 75c per bale, 10 bales $6.00.....Grown and packed by

M. I. LYONS, - Babcock, Wis.
Write for prices on car lots.
Mention Florists' Review when you write.

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Florists' Review

Are You Going to Build or Repair?

YOU WILL NEED SOME OF THIS MATERIAL

MASTICA, durable, adhesive, elastic, $1.00 per gallon can.
LIQUID PUTTY, made expressly for greenhouse work, 25-lb. can, $1.50.
VAN RYPER GLAZING POINTS, best glazing point on the market, per 1000, 60c.; by mail, 75c.
SCOLLAY'S PUTTY BULB, to apply Mastica or Liquid Putty, 85c. each.
MASTICA GLAZING MACHINE, to apply Mastica, $1.00 each.
STEEL ROLLER GLASS CUTTERS, 15c. each.

Florists' Supplies, Wire Work, Bulbs, Palms and Ferns.

SMILAX PLANTS, 3-inch, $2.00 per 100.

ELLIS & POLLWORTH, 137 ONEIDA ST., MILWAUKEE, WIS.

EXTRA HEAVY CLEAN ...STOCK...

Kentia Belmoreana
6-in., 5 to 7 leaves, $15.00 to $24.00 per dozen.
5-in., 5 to 6 leaves, $12.00 per dozen.

Kentia Forsteriana
6-in., 5 to 6 leaves, $12.00 to $18.00 per dozen.
5-in., 4 to 5 leaves, $ 9.00 to $12.00 per dozen.

Field-Grown Carnations
A fine lot will be ready for Sept. delivery.

THE COTTAGE GARDENS, QUEENS, N. Y.
Mention Florists' Review when you write.

PALMS AND FERNS

The Largest Stock of Plants in the West.

Geo. Wittbold, 1708 N. Halsted St. Chicago

Mention Florists' Review when you write.

Carnations

F. DORNER & SONS CO., LA FAYETTE, IND.
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By WM. SCOTT.

It will tell you just what you want to know in just the way you want to be told.
It will cover the whole field of Commercial Floriculture, the articles arranged alphabetically, so that reference may be quick and easy.
It will be a whole library in itself.

Price, $5.00.
Send in your order now.

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IT WILL tell you just what you want to know in just the way you want to be told.

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It will be a whole library in itself.

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ENVELOPES
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PRICE LISTS
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If you want any of the above, or any other printing, we can supply you. Best work and moderate rates.

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520-535 Caxton Building, CHICAGO.

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Ornamental Shrubs,

HERBACEOUS PERENNIALS.

A specialty of Iris, Phlox, Pæonies, Pyrethrums, Poppies, etc. Wholesale List on application,

JACOB W. MANNING,
The Leading New England Nurseryman. ESTABLISHED 1854. READING, MASS.

If You Have Any Surplus

Stock to sell to the trade advertise it in...
THE FLORISTS' REVIEW.

Subscribers

ARE REMINDED THAT They will materially advance the interests of their paper by buying supplies of the advertisers in the

Always MENTION the name of the paper when sending inquiries or orders.

Florists' Review....

PEACHES IN GEORGIA.

Mr. Z. K. Jewett, of Sparta, Wis., is interested in one of the large peach orchards at Fort Valley, Ga., and has just returned from a month's stay at the orchard during the shipping season.

He says that during the month of July 830 cars of peaches were shipped from the Fort Valley station, and that 350 cars were shipped from the neighboring station of Marshalltown. The peaches are packed in cases and shipped in refrigerator cars. The cars hold 400 to 450 bushels of peaches each. The cost of freight and ice to Chicago is $225. The peach grown in that section is almost exclusively the Elberta, a variety that originated in the locality. The Early Crawford was tried there, but was a failure, though so useful in other sections of the country. These orchards are on land on which cotton was formerly grown, but has been practically exhausted and which was purchased for $15 an acre. The orchards have proven an excellent investment, and Mr. Jewett believes this will become one of the main peach producing districts of the country. Labor is very cheap, the negro pickers working for 50 cents a day.

Quite a number of pecan and English walnut trees are now being planted, also Japan plums, and it is believed they will do as well as the peaches have done.

ROCHESTER, N. Y.

Vick & Hill Co. have thirteen acres planted out, for instance an item of fourteen thousand anemones alone gives one some idea of the quantity of stock necessary to supply their shipping trade.

Stem rot has appeared in carnations and the outlook at present is quite discouraging. They have a beautiful aster named Daybreak, the color of carnation Daybreak, which will be in much demand when known.

F. Schlegel's Sons have cleaned up their snug place previous to the usual dull period. George is quite a grower of cocos into handsome specimens.

Geo. Savage has a house of roses planted which are all right. He is adding a violet pit and was about to repot a fine batch of Cyripedium Lawrenceanum when I called. W. M.

LAST CALL for advs. for our Convention Number to be issued next week. Copy must be received by the morning's mail of Aug. 17 at the very latest to be in time. Don't miss having an adv. in this number.

SPRINGFIELD, MASS.—The Chappell-Miller Company opened their handsome new store at 408 Main street with a sweet pea exhibition, July 16. Every customer was presented with a bunch of flowers.

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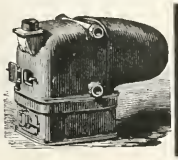

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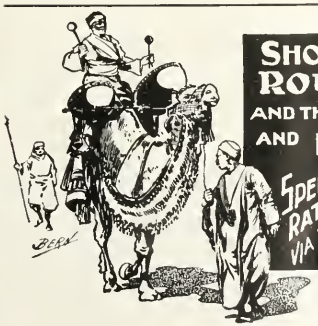

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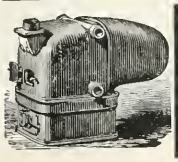

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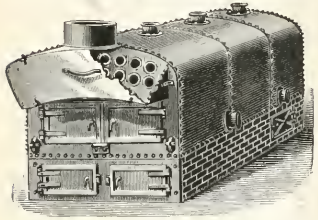

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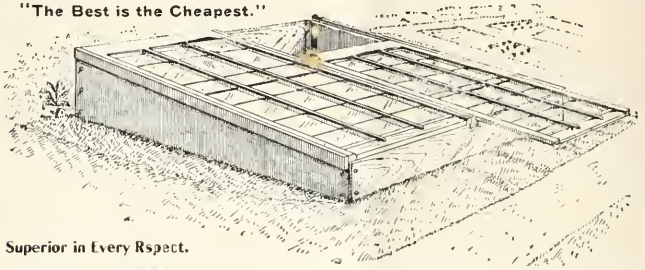

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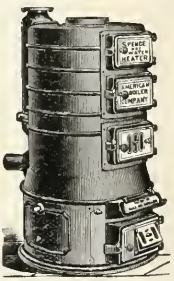

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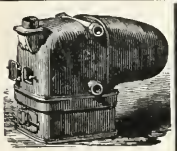

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THE WEEKLY

FLORISTS' REVIEW

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Vol. II. CHICAGO AND NEW YORK, AUGUST 18, 1898. No. 38.

....SPECIAL CONVENTION NUMBER....

Entrance to the Horticultural Building at the Omaha Exposition.

CONTAINING A FULL REPORT OF THE OMAHA CONVENTION OF THE SOCIETY OF AMERICAN FLORISTS, AUGUST 16th, 17th and 18th.

THE OMAHA CONVENTION!

A SUCCESSFUL MEETING BEYOND THE MISSISSIPPI.

LARGE ATTENDANCE FROM THE WEST.

MANY VALUABLE ESSAYS READ AND DISCUSSED.

MUCH USEFUL WORK ACCOMPLISHED.

A STRONG STAFF OF OFFICERS FOR 1899.
A HOT BOWLING CONTEST.
THE TRANS-MISSISSIPPI EXPOSITION.

FULL REPORT IN THIS ISSUE OF THE FLORISTS' REVIEW.

The First Congregational church at Omaha was very well filled when the fourteenth annual meeting of the Society of American Florists was opened with music, and prayer by Rev. John Williams.

The address of welcome by Hon. F. E. Moores, mayor of Omaha, was one of the best the Society has ever been favored with and left no doubt that the city was glad to have the florists within its walls. The mayor said that there was a local law making any man between the ages of 18 and 45 liable to arrest if found on the streets after 3 a. m., but he gave his auditors the number of his private telephone and instructed them to call him up in case any of them should be tampered with after the hour noted, and he would fix it with the police department. In brilliant words he emphasized the pleasure the presence of the florists gave him and the city, and reiterated the hearty welcome already given.

E. M. Wood, Natick, Mass., responded in behalf of the society. He expressed the thanks of the members for the hearty kindness of the welcome and the gracious terms in which it was expressed. He said that the members assembled were pilgrims from almost every state of the Union, and some were from the Dominion of Canada. He quoted Shakespeare as authority for the statement that "There are no account gentlemen but gardeners;" they hold up Adam's profession, for he was the first to bear arms. He paid a warm tribute to the ladies and their love for the beautiful. He said the city of Omaha was a revelation to those who now visited it for the first time.

The wonderful development of the last two decades and the Trans-Mississippi Exposition has made the people of the east ready to believe in the success of anything undertaken by the west. He felt that florists were benefactors in making what was already beautiful more so. Improvement adds to the value of everything. The efforts of the florists are to make the thing of beauty a joy forever.

He accepted the welcome with profound thanks and assured the mayor that he and the people of Omaha would ever have an abiding place in the memories of the delegates.

President W. F. Gude was introduced by Vice-President Donaghue and was received with long continued applause. He then read his address as follows:

Ladies and Gentlemen, Members of the Society of American Florists:

Goethe, whose poetical imagination permitted him to strew "Flowers of Rhetoric" around and about him, as well as probe into the mystery of the metamorphosis of plants and flowers, and observe closely the evolution of shape, color, and function, is well entitled to his prerogative of such figurative generosity, but it never should be expected that "Flowers of Rhetoric" could ever be conceived, cultured, and culled by the President of the Society of American Florists and Ornamental Horticulturists, organized to deal with substance, not shadows, with real earth, and not with ethereal elements of poetry. And yet who has more beautifully entered into the subject, in presenting an annual address to you, than our worthy and much loved president of a few years ago, brother W. R. Smith, and my immediate predecessor, Adam Graham, of Cleveland.

Therefore, in presenting to you this address, as a practical man fully imbued with all the interests of our Society, filled with the sense of realization as to its great importance now and in the future, I come with my greetings to you in practical words expressing practical thoughts.

First, I congratulate you upon the choice that you have made in your meeting place, enjoying as you are the generosity, kindness, and wholesouled hospitality of this growing city of the middle west, which, in comparison to its population, has demonstrated since it has been recognized as a city more "push" and enterprise than any other city in our country. It has opened its doors to assemblages of all kinds and natures, and entertained at its boards conventions, conferences, expositions, fraternities, and shrine caravans, which have made the name of Omaha known not only in our own country but throughout the civilized world. So to-day we must feel somewhat the pride of being the guests of not only those who are members of our Society, but all who are interested in floriculture and in the progress and prosperity of this city, and it must be a gratifying fact for you all to realize that from every section of our country representatives have come in such large numbers to enjoy this reunion and the pleasure of being at Omaha.

The organization has been well favored this year in having a most efficient Executive Committee, which in the interim since the last meeting has been not only the deliberative, but likewise the legal body of our Society.

It is usual that the Executive Committee shall hold its preparatory meeting prior to the annual assemblage of the Society in the city in which the session is contemplated. For many reasons this custom was not followed, and the meeting was held at the National Capital, with the hope that the presence of our representatives would have some influence upon Congress in securing action upon the National Charter, which has been so long anticipated, and to which my predecessors have referred with a great deal of feeling and in terms of considerable eloquence. But legislation on this bill had to give way to war appropriations, "Free Cuba" speeches, and annexation treaties, so we submissively allow our matter, in sense of duty to our country, to go over until Congress meets again, when we are assured that it will be a fact and become a law.

I need not assure you of your many friends in Congress, both in the House and in the Senate, and that the object of chartering an organization such as ours has, to its great credit, become that of national consideration because it is of national interest. The sentiment, too, has found its way into the Executive circle, and among the advisers of the President in his Cabinet we have there also our champions. No greater friend, however, has ever been in public life than the present Secretary of Agriculture, James Wilson, who in response to the Hon. Redfield Proctor, of the U. S. Senate, addressed a letter which I cannot refrain from embodying here in full, because it expresses in stronger language than I could possibly command, ideas and purposes which are clear in statement and convincing in reasoning, and I feel sure that you will certainly appreciate my reading it to you, coming as it does from one as able and as distinguished as Secretary Wilson:

April 28, 1898.

Hon. Redfield Proctor, United States Senate.

My Dear Sir:—Your favor of April 20th, enclosing a copy of Senate File 415, "An Act to Incorporate the Society of American Florists and Ornamental Horticulturists," is received.

The object of the bill is to create a body corporate and politic in the District of Columbia, by the name of the Society of American Florists and Ornamental Horticulturists, for the elevation and advancement of horticulture in all its branches, and increase and diffuse the knowledge thereof; and the said Association proposes to report from time to time to the Secretary of Agriculture, so that their proceedings may be communicated to Congress.

I believe this is a useful and valuable act. The last Congress thought so; President Cleveland did not. This Association will operate along the whole line of elevating the taste of our people. I believe their work is a means of grace. It is healthful to people to ornament their homes, their lawns and their surroundings generally. A love of the beautiful was implanted in the hearts of all of us by the Master, who, when he was on earth, called our attention to the lilies and asked us to consider them. This Association proposes to cultivate that sentiment.

I am endeavoring to introduce new flowers into different latitudes of the United States, from wherever I can find them in the old world. The work of this Association will be helpful to the Department, I have no doubt. We pay a great deal of money to foreign countries for bulbs, seeds, etc., because we love the beautiful. My work here is entirely utilitarian. I desire to have, and will have, through the wise appropriation of Congress, bulbs, seeds, etc., brought here from foreign countries and produced here, so as to save our people very large sums of money now being sent abroad for these things. I consult with certain of the gentlemen named in this act, with regard to these importations, and get much useful knowledge from them. The people will gratify their love for the beautiful in flowers and shrubbery, and I desire that these things be grown in the United States. The Bermuda lily is an illustration. We pay a very large sum of money to foreign countries for the bulbs of that lily. I have set technical scientific divisions of the Department at work studying the diseases of that plant, and to get information for the people regarding the localities that may produce it at home, and save the money now paid out for it. While my main objects are the saving of money to the American people, and the procuring of information for our producers all along the line, so that they may produce more economically, I recognize the great assistance that the Department will get from these gentlemen, who study decorative plants, and so I would be greatly pleased to see you push this bill and encourage this Association by giving them a name and a place in our statutes and recognition by the United States.

Very truly yours,
JAMES WILSON, Secretary.

This is not a matter of sentiment from this gentleman to gain favor of you and yours, nor is his interest measured by any glorification whatever that he might possibly get out of it, for he has demonstrated by his great practical work, his interest in Agriculture, in Horticulture and in Floriculture, as through his instrumentality and his influence, and his practical work and encouragement, has the Ames Agricul-

Glimpses of the Omaha Exposition.

tural Institute at Ames, Iowa, his home, become the standard agricultural institution in our whole country, I say all glory to this worthy inspirer of thought and encourager of action in all that pertains to the subjects in which we are so heartily interested.

Never has there assembled anywhere to consider any matter a more intelligent, painstaking and interested company of gentlemen than those composing your Executive Committee that held its meeting in Washington. Every subject of interest to the Society was considered, and many practical suggestions are the result of this conference. Among them is the suggestion, presented to you as the sentiment of the Executive Committee, to have certain new departments under the supervision of the Society, which I take pleasure in submitting for your consideration.

The Department of Credit Information, the duty of which shall be to ascertain the financial standing and credit of persons in the trade, should be under the control of a committee of three appointed by the President with the approval of the Executive Committee. This subject, to my mind, has its advantages and disadvantages. It may redound to the credit of the organization to endeavor to keep within the great active working body of its members throughout the country a certain esprit de corps, with regard to honesty and fair dealing. Oftentimes, by reason of misrepresentation, much embarrassment and loss is caused to our members, and indeed to the outside world, all of which reflects in part upon the Association at large. Integrity first in all things should be our motto, and that would cause all dealings of every nature and kind, and with every person, to be had with a due regard for honor. On the other hand, we might say that all who are members of our Society possess sterling integrity and in the highest sense, and that for a moment to question financial standing and business intercourse is an undue and untimely interference in the affairs of private individuals. Such is the position that I should love to take upon this subject, but none of us are infallible, none of us are stronger than our weakest part. Temptation is a wily, seductive member of the cabinet of his Satanic Majesty, and who can gainsay his mysterious power and winning faculties when visited with full force upon some of our non-suspecting and susceptible members?

But especially do I commend to your favor the Department of Co-Operative Purchase, the object of which is made manifest, as it will secure for the members of the Society reduced prices upon greenhouse supplies, which can be afforded by the co-operative purchase in large quantities. This would be under the supervision of a special committee, but would put no responsibility whatever upon it in the matter, except in obtaining from the furnishers prices upon large quantities, and then to impart such information received to the members of the Association, who would enjoy such advantage as would arise therefrom.

There is also suggested a Legislative Department, which would have charge of all legislation, State and National, concerning the departments represented by our organization. A general committee could have sub-committees in every state in the Union, which would be constantly on the alert for the advancement of our interests and present the same to the various Legislatures. This would have an effect not only upon floriculture and tree-growing, but it would also have its influence in affecting the exportation rates to growers upon the various common carriers in our country.

Also, an Arbitration Department, which, as the name implies, would be for the amicable adjustment of controversies between members, saving oftentimes long litigation at court, and much notoriety of an unpleasant nature which would reflect not at all well upon the credit of the individuals engaged. This would be productive of peace and good feeling, and a committee appointed from your own members would have the interest of the individuals at heart and would settle all differences, whether financial or otherwise, with a due regard both to law and equity; and lastly, a Claim Department. This would have among its duties the adjustment of claims against transportation companies, which to some of our members would be a subject of considerable import. While in some sections the fairest treatment has been meted out by these companies to our organization, yet in other sections it has been simply a continuation of oppressive rates, surrounded by all the disadvantages of delay that can possibly come through incompetent service. It is a surprise to you, and was a surprise to the Department of Labor, when approximating the statistics of the amounts paid by florists for transportation, to find that it reached up into the great lines of figures that expressed many hundreds of thousands of dollars. So, therefore, a florist, while estimating the cost of the simplest flower produced by himself, is obliged to add oftentimes as much as twenty-five per cent to the cost of the item of transportation in sending it to his customer.

"Honor to whom honor is due" should be the motto in all honest emulation. The more difficult the prize, in the attainment of it the greater the reward; the stronger the foe, the greater the victory.

It has been suggested that our system of awarding certificates of merit and honorable mention is a little too lax, and awards have been made too freely and without that close scrutiny and just determination which should be devoted to the subject of awards. When the certificates are issued by this organization they should mean something, and the more difficult they are to obtain the more they will be appreciated by the holder and the more they will mean to the outer world. This may be regarded by you as a suggestion which, if it meets your favor, might at this session bring forth some definite action which may govern this matter.

While the general subject of floriculture is constantly before us, individually and collectively, I am of opinion that especial attention should be given to the bulb culture in this country, a business feature that would keep many thousands of dollars within our own domain and add greatly to one of the most lucrative and comprehensive products in our industry. The Roman hyacinth especially is commended to your consideration for personal devotion at home.

In the southwest we have a great state, Texas, as large as an emipre (it is called the "Lone Star State"), sending forth at the proper season its sweet perfume of Cape Jessamine, which could it reach far enough would waft its delightful odor over its sister States. Its climate and its soil are such that if a great Chinese wall of a mountain barrier shut off this state from the rest of our country, it could successfully grow almost everything that the earth produces. It is in about the same latitude as the islands of the sea around which now war's alarms are sounding, and its rich lands, widespread as they are, offer a welcome to our profession.

The tuberose and the gladiolus once were upon the import list, but now, as you well know, they are exported in great quantities to various countries, and bring the revenue therefrom this way instead of leaving it abroad. The crocus, polianthus, and the narcissus are candidates for your kind solicitation and tender care. The calla lily, which once knew only the confines of the narrow space of their pottery homes, now is reckoned as a free-earth, open-air California product, side by side with the freesia, which under basking Pacific suns and fanned by the Pacific air is successfully developed and grown. The Lilium longiflorum and L. Harrisii should also be sent from this country abroad, instead of having them seek their way to our shores. We will have in the near future araucaria factories, as we already have various rubber factories, not for rubber shoes nor mackintoshes, but the beautiful Ficus, which is marvelously well grown by our well-known "Deacon" Harris, of Philadelphia, who was the first life member of our Society. Forty years ago there were only eight Latania Borbonica palms in the United States; to-day there are upwards of three million as potted plants. It is said that only two of these palms have borne seed, one belonging to the Federal Government and the other to the Corcoran estate, both of them in Washington, District of Columbia, and

Liberal Arts Building, Omaha Exposition.

from these two plants no less than sixty thousand young palms and seeds have been distributed throughout the cities and territories, which coming from the United States Botanical Garden may really be attributed to the one seeding plant rather than to the two.

I think also that generosity should be one of the virtues of the florist; that is, he should not be too narrow and selfish in the matter of discoveries. Being united for our common good, should entitle the widespread distribution of thoughts and ideas concerning plants and flowers in every particular, so that a new and rare plant in one section should give the benefit of its beauty and of its rarity to all interested in the art throughout the whole country.

The time will come when the flower that is "born to blush unseen" will be receiving the adulation of countless thousands of our people. The evolution of the field daisy, once a common weed, and the chrysanthemum, with its hundred of varieties of gorgeous development, are probably two of the most wonderful exemplifications of what may be done by concentration of thought and by experiment. Who knows but that the microscopic flowering plants of the prairie may in coming years become the glad adornment of the richest feasts? Who knows but that the tiny forget-me-not, with its sweet delicate shade of heaven-reflected blue, may become a giant flower in company with those representing the hardiness and strength and the beauty of some of the greatest botanical specimens?

Referring to strong flowers, color to the eye is the indication of force and strength; therefore red flowers should be more in evidence—the rose, "Queen of Flowers," the red poppy, the red dahlia and red carnations. Then also, as the coming flower, the orchid, marvelously mysterious in its growth, most delicate in its formation, and most exquisite in its tinting, should receive more general study in its cultivation. Hydrangeas, in their numberless varieties, for outdoor ornamentation, and hardy-blooming plants for out-of-doors, form one of the grandest opportunities for a profitable field of labor in the future.

It is useless, however, for me to take up your time with these suggestions, as who among you is not familiar with the subject we so dearly love and of which we are so great a part? Individual interest and advancement mean our united progress. With genuine interest each should enter into the knowledge, by any one of our members, of any discovery or any advance in the development of floriculture that may be made by him.

Our art has become one of the great bread-winners in the country and for the country, and its increase naturally becomes a matter of national interest and national pride. It is your duty to encourage the taste that is being manifested everywhere for the love of flowers and for the use of them. Show me one who cultivates flowers and beautifies the domestic hearth-stool, and I will show you a home in which love prevails. Show me devotion to the growing plant and the budding rose, and I will show you maternal and paternal devotion in the rearing of the children of the home. Show me flowers without, and I will show you the presence of education and the taste and culture that belong to them within.

There is no more potent antidote to evil thoughts, corrupt natures and low sensuality than the adoration of the beautiful; and what can lay greater claim to all that is expressed by the word "beautiful" than flowers? They are present in our midst upon almost every occasion, be it joyous or sad. The wedding bells ring out their glad sounds of greeting; all around and about the bridal pair are the ornamentations of loveliness and floral beauty. The muffled tolling of the solemn bells in mournful strains, indicating the passing away of a soul,—and there, too, we find the tributes of love, affection, and respect, and tokens of sentiment expressed in flowers. Come to the happy feast, where the songs are sung and the wine goes round, and there, too, shedding forth the lustre of their beauty and speaking words of welcome and hospitality, are the sweet products of our Art.

Increase the love of flowers, develop the taste, and in that proportion is the demand greater. The business grows necessarily with the demand; therefore it behooves you to strive that this end may be attained. There is no better place to set a good example than in and around and about your own homes and gardens. A shoemaker, it is said, keeps the poorest shoes upon his wife's feet. Such reputation as that should never be attributed to the floriculturist. Become a part benefactor on your own premises, as he who plants a tree or flower, or cultivates a spot of ground, is a benefactor, because the result being a delight to the eye contributes to the pleasure of mankind. Don't fear the criticism of advertising business, as there is no occupation that could possibly be purer, more benevolent or more god-like than our own. Therefore it is not with shame but pride that all of you, at this occasion, at every place and in every section, and among all people, say "I am a florist."

You should "let your light so shine before men that they may see your good works." If London can produce monthly a great flower exhibition, surely there is no reason why America could not have annually, at some great metropolis a flower Exposition, wherein the whole country could join; and before concluding I trespass this suggestion upon you that steps will be taken here at this meeting looking to carrying out this idea.

In conclusion, while not endeavoring to enter into sentimentality, I may be pardoned if I trespass a little into the poetry of our art, and speak in the language of the flowers the sentiment of the hour.

First, to Woman. Our devotion to her should be next to that to our Creator, but I cannot pay more pleasing compliment to her than to spread at her feet "the Austrian Rose," which silently expresses this sentiment, "Thou art all that's lovely!" Woman! —our mothers, our wives, our sisters, and our sweethearts—how grandly glorious thy mission!

"To give to society its highest taste—
Well ordered home, man's best delight to make—
And by submissive wisdom, modest skill—
With every additional care, deluding art—

To raise the virtue, animate the bliss,
And sweeten all the toils of human life:—
This be the female dignity and praise."

Next in adoration, Our Country. The sound of strife is never welcome, but the call to duty fell not upon deaf ears in the brief arbitrament of arms through which we have just passed (and I beg to indulge the hope completely and entirely passed), as alike to the victorious and to the vanquished, it has about it much of sorrow, hardship and tears, for the booming of cannon and the rattle of musketry is always followed by the sound of muffled drums and the music of funeral dirges.

We express the return of peace with the olive, which has mythologically been sacred to Minerva, and always the emblem of peace since before the Ark rested on Mount Ararat. Many of our flowers have mythological creations with most beautiful legends. In the dispute between Minerva and Neptune it was decided by the gods that whichever of the two should give to the inhabitants of the earth the most useful present, great should be the reward. The olive was brought by Minerva, being the emblem of peace, which was decided to be far superior to Neptune's horse, the symbol of war and bloodshed. The olive, then, to-day be with you, and could I stand and figuratively throw out the emblem to all parts of the country and to the whole world, I would now waft myriads of leaves and let the winds carry them to the uttermost parts of the earth.

And now, one more: To those who have fought the Nation's battles, and who are returning again to their firesides to transpose the weapons of war into the ploughshare and pruning hook, we offer the nasturtium, which is "a warlike trophy." And so, with the Bard—

"We bring flowers to strew in the conqueror's path;
He hath shaken thrones with his stormy wrath.
He comes with the spoils of Nations back;
The vines lie crushed in his chariot's track;
The turf looks red where he won the day;
Bring flowers to strew in the conquerer's way."

Finally as peace hath its victories as well as war, go on with your honest emulation in endeavoring to inspire a greater zeal and interest in your organization, a more widespread knowledge of our Art, and wherever it is possible to cultivate a love of it among the enlightened and progressive people of this our Glorious Country.

Report of Secretary Stewart.

Secretary Stewart made his annual report as follows:

Mr. President and Members:

I am glad to be able to report a prosperous year for our society, in which we have not only held our ground, but made also a slight gain over the record of the two preceding years. The new method of assessing and collecting annual dues, which went into operation with the beginning of the present year, simplifies the work of collection, and the discontinuance of the cumbersome delinquent list removes a prolific cause of friction. As to the effect of the new system on our treasury, it is yet too early to say, and in the present transition year, practical and useful comparisons of past and present conditions as to finances or active membership cannot be made.

One hundred and thirty-five persons who paid in 1898 had, up to August 10, 1898, neglected to respond for 1897 assessment.

The number of assessments collected for the year 1897 was 504, of which 108 were from new accessions and 25 were renewals of membership by former delinquents, each of the latter paying $2 extra for the privilege.

The additions were credited to the different states as follows: One each from the District of Columbia, Georgia, Illinois, Minnesota, New Hampshire, Nebraska, Virginia; two each from California, Maine, Wisconsin; three from New Jersey; four from Ohio; five from Connecticut; seven from Rhode Island; twelve each from Pennsylvania and New York; fifty-one from Massachusetts.

Four deaths have been reported since we last met: Morris A. Hill, Ansonia, Conn., died on May 27; Thomas Cartledge, Philadelphia, May 17; N. Karlson, Exeter, N. H., July 4; Philip Wieland, Boston, July 8.

The Providence convention was a memorable one, creditable alike to the society and to the local florists and gardeners of Providence and Newport. Its history has been fully told in the annual report of our society, and nothing in connection with it requires special mention at this time, except that some of our members were once more made the victims of an untrustworthy photographer, who collected money for pictures that were only delivered months afterwards and under pressure exerted through the secretary's office.

The trade exhibition at Providence was a large and comprehensive one and managed with great ability The competition for the society's medals brought out some exhibits of the highest educational interest, notably that of home-grown rhododendrons and azaleas. The visit to Newport's lovely gardens was equally valuable as an object lesson

The printed list of new plants introduced to the American trade in 1897, as ordered by the society, required much labor in compilation, but appears to have been a good move, and the list of succeeding years will be more easily done, also more complete.

There is a strong demand for a system of official registration of names given to new varieties of plants on lines similar to the plan adopted by the American Carnation Society. Your secretary believes that something of this kind should be provided for at this meeting.

Our life membership fund has been subscribed to by fourteen members. It was hoped that this list would have reached larger proportions by this time—forty or fifty, at least—so that we might start off with a substantial permanent fund.

Railroad transportation has been a most annoying and tedious problem this year. The railroads have moved cautiously because of the entanglements that would follow rate cutting to the Exposition, and the concessions which were finally granted us, although very satisfactory otherwise, came too late to materially affect our attendance from distant points.

Rarely since the formation of this society have we seen so much interest manifested as was shown by those present at the executive committee meeting at Washington last spring. The holding of the general session of the committee at a place other than the location of the next convention, for financial reasons which the committee well understood, and the reference of local convention arrangements at Omaha to the president, vice-president and secretary, although productive of some unfavorable comment at the time, is now generally conceded to have been a wise course under existing circumstances, and the question arises whether this plan or a modification of it might not with advantage be followed regularly hereafter.

On the most important result of the committee's deliberations, the proposed new special departments of purchase, credit information, arbitration, claims, and legislation, our programme calls for action at tomorrow's session. The importance of careful deliberations in deciding as to whether the society should strike out into these new fields of endeavor, must be apparent to all, and it is greatly to be desired that every member in attendance should be present at this and every other business session and do his part towards shaping wisely the future policy of the organization.

The special field in which the society labored so well in its young days is now pretty well covered by our enterprising trade journals, and we are called upon to move on to live issues. Just in proportion as we keep in close touch with the practical business problems and present needs of the Florists of America, so will the shifting character of our support and membership be removed; we shall be strong where we are now weak, and we shall obtain the desired permanence and stability.

We meet this time in a locality far remote from the scenes of our past activity, and the wisdom of this new departure has naturally been the theme of some discussion. Upon what we do here we shall be judged. Let it not be said that we are triflers. We are here

East Colonnades and Pavilions at the Omaha Exposition.

to do something useful; let us all attend to that first, earnestly and in order. The Midway will still be in the same place when we get through, and we can enjoy it all the more in the consciousness of having shown due courtesy to one another and performed our duty to the society and to our fellows throughout the country for whose interests we profess to work.

If, as has been said, "the S. A. F. is heard from but once a year," let that once be loud and strong this time. Whether the executive committee in its recommendations has struck the right chord, is for you to determine. If their views as to the society's scope and its power for good do not appeal to your sound judgment, give us something that does, and let us not think of adjournment until something practical has been accomplished and the long-sought key to the united support and sympathy of our profession throughout the land has been found.

And, gentlemen of the west, do not forget that, to the secretary's eyes, the best evidence of prosperity is found within the covers of the roll book. A steady decrease in the membership means that something is wrong. We want you not only to join us, but we want you to stay. You have the opportunity to set a good example and let the country realize that so far as your influence goes the society is no longer forced to depend for sustenance upon the temporary affiliation of the man in whose neighborhood the organization may happen to convene.

Should our visit to Omaha help to win for us your enthusiastic, loyal support and active co-operation, and at the same time infuse us with a little of the courageous, resourceful spirit which dominates the hustling pioneers of our business in the vast undeveloped trans-Mississippi country and of which we as a society stand so greatly in need, then indeed shall we have reason to applaud the good judgment and foresight that selected this as our meeting place, and the convention of 1898, in the record of the good work accomplished, will stand pre-eminent in the annals of our beloved society.

Treasurer Beatty was unable to be present. His report was read by the secretary and showed that the balance on hand was somewhat in excess of that of last year. The exhibition judges were appointed and the reports of the various state vice-presidents were read.

Letters were read from the Detroit Florists' Club, the Business Men's League, the press and Mayor of Detroit and Governor of Michigan, inviting the Society to meet in Detroit next year.

President Gude referred in a feeling way to the serious illness of W. R. Smith, of Washington, and was pleased to be able to report that his condition was so much improved that there were strong hopes of his final recovery.

Mr. Robert Craig introduced a resolution expressing the deep regret of the Society for the absence of Mr. Smith, who had endeared himself to all, and the pleasure of all to hear the report of the favorable turn in his condition. The resolution was adopted and on motion it was ordered that the resolution be telegraphed to Mr. Smith. The morning session then adjourned.

Reception at Lininger Art Gallery.

The reception at the Lininger art gallery, Tuesday afternoon, was a very enjoyable affair. The rooms were crowded with the visitors, and the remarkable collection of paintings and statuary was found worthy an extended examination. It is worth a half million of dollars. Mr. Lininger's daughter received the visitors and an elaborate lunch was served, with cigars for all the gentlemen.

President's Reception.

The President's reception took place Tuesday from 8 to 9 p. m. President Gude and his wife were assisted by Vice President Donaghue, Secretary Stewart, Wm. F. Dreer, Prof. F. H. Taylor, H. A. Siebrecht, Mrs. J. H. Small and Miss Small. All were duly presented to President Gude while a mandolin orchestra discoursed sweet music. At 9 o'clock all passed into the main auditorium, where a large audience was gathered to listen to Prof. Taylor's lecture upon Russia. This was illustrated by a succession of stereopticon objects of interest, each being explained in detail by the lecturer. It was a very interesting entertainment.

THE EXHIBITION.

The church was beautifully decorated with stately palms and pretty ferns, not overdone, but with excellent taste. The church parlor where the President's reception was held was also tastefully arranged with groups of palms and vases. The trade exhibit, although not as large as that which we have seen in some eastern cities, well filled the space allotted to it.

A walk round the exhibition room revealed the following:

Daniel B. Long, of Buffalo, made an extensive exhibit of his floral albums and floral designs for catalogue covers, calendars and other commercial purposes.

Wm. H. Elliott, New Brighton, Mass., staged a few Boston ferns and showed samples of his favorite Asparagus plumosus. The Lincoln Pottery Co., Lincoln, Neb., an extensive display of flower pots, pans and baskets. Skabcura Dip Co., Chicago, a display of new nikoteen, nikoteen paper and soap. A hose attachment for spraying with the nikoteen soap and other liquid insecticides was shown by the Springfield Brass Co.

A large exhibit of florists' paper boxes of every size was made by the Dayton Paper Novelty Co. The Boston Florist Letter Co. made exhibit of their goods. A. Hermann, New York, represented by Mr. Ford, Jr., covered a large space with many florists' requisites, including metal designs, cycas leaves, cycas wreaths, wheat in all shapes, artificial flowers and leaves, and many and varied novelties.

Ellis & Pollworth staged baskets, many novel designs and a great variety of florists' requisites; also a small collection of medium-sized useful palms. Siebrecht & Son, New Rochelle, N. Y., display of palms, dracaenas, cycas and many other decorative plants.

Henry A. Dreer's very large exhibit included a grand lot of palms, ferns, dracaenas and many other plants, all in the finest condition.

The St. Louis Cut Flower Co. made a good display of palms of a usefnl size; also fine specimens of nephrolepis. J. C. Vaughan, Chicago, had a fine table of bulbs, which included all desirable and popular kinds. The Sunset Seed and Plant Co., San Francisco, made a large exhibit of sweet peas, in which there must have been at least one hundred varieties.

John C. Moninger Co., Chicago, erected a model of their cypress constructed greenhouses with the Chicago lifting apparatus. A feature of their model was the hollowed out gutter plate. Mr. Yeats, of Champaign, Ill., showed how his automatic alarm worked.

A very beautiful display of gladiolus was made by the Cushman Gladiolus Company, Euclid, Ohio. Many of the light varieties were superb. Mr. J. F. Wilcox, Council Bluffs, had seven vases of clean and good roses, which were excellent for this time of year.

The Quaker City Machine Company, Richmond, Ind., had an illustration of their well-known improved Challenge ventilators with small section of greenhouse to show how admirably it worked.

In the exhibits for special prizes given by the society there were three entries. Mr. R. L. Blair, Des Moines, Ia., displayed a fine set of floral designs. The execution of the pictures was very fine, but the committee considered there was a lack of originality. Mr. D. B. Long's entry was a large collection of designs suited for many commercial purposes. They were original in design and conception and received the society's silver medal.

And last, but by no means least, was an exhibit of American grown bulbs from the state of Washington. They included Lilium candidum, narcissus, tulips, hyacinths, crocus and iris of several varieties. All the bulbs were of the finest size and quality, fully the equal of the best imported bulbs. There was perhaps nothing of more interest in the whole of the exhibits, as this is a demonstration that bulbs of the leading varieties can be grown (if not yet as cheaply) fully the equal in quality of those for which we send so much money to Europe. At this writing several exhibits have not arrived, of which mention will be made in our next issue.

The awards were as follows:

John C. Moninger Co., Chicago, certificate of merit for cypress lumber for greenhouse construction.

Quaker City Machine Co., Richmond, Ind., certificate of merit for ventilating apparatus, durability and ease of operation being specially noticed.

Dayton Paper Novelty Co., Dayton, O., special mention for cut flower boxes.

W. H. Elliott, Brighton, Mass., highly commended for cut strings of Asparagus plumosus.

Wednesday Morning.

The nomenclature committee made its annual report covering the work of the year and but few synonymous names were noted. In chrysanthemums Jeannie Falconer and Peter Kay were voted as practically the same. Also Miss Agnes Dalskov and Ivoire Rose; in fuchsias, Gracieux and Little Beauty; in roses, Climbing Kaiserin and Mrs. Robert Peary. In each case the first name is given priority.

The proposed amendments to the by-laws were, after considerable discussion, both voted down.

Of the proposed new special departments, that of credit information was not concurred in, and the plan was abandoned, but the others were concurred in and committees appointed to put them in execution.

Detroit was selected as the meeting place for next year.

THE DETROIT ORGANIZATION.

The invitation to Detroit was extended by Mr. Geo. Rackham on behalf of the Detroit Florists' Club, recently organized, with officers as follows: Philip Breitmeyer, Pres.; Geo. Rackham, Vice-Pres.; Robert Flowerday, Sec'y; Bruno Schroeter, Treas. The organization has at date about 60 members and expects to swell the list to 100 very quickly.

TRADE EXHIBITIONS: THEIR VALUE TO THE FLORIST BUSINESS.

By E. H. Cushman.

[Read before the Omaha Convention of the Society of American Florists.]

The subject of trade exhibitions is of vital importance to every one of us who has anything to sell. They furnish a good opportunity for every plantsman and dealer, who would make a business success. They are a gathering of the same lines of business under one roof, for the purpose of showing what we have to sell, and giving an opportunity for comparison and the extension of business acquaintance, not otherwise possible.

These gatherings of commercial men with samples of their goods, in conjunction with a large gathering of consumers of those goods, is one of the very best advertisements possible. The wide awake and practical, soon get the rough corners worn off at these shows, and usually the conceit taken out of them, if they have any. There are so many good things in connection with these trade gatherings, I am sure it is a poor man who does not get value received for exhibiting or attending our conventions.

Just cast your eyes about in the Trade Hall, and see what a busy place it is. What introductions these exhibits give. Men who never would find each other, do so when they see the trade sign out, or they are interested in the same line, and fall to conversing about it. In this way many pleasant business and other relations are formed, which terminate only when the mortal part is put to rest.

Gentlemen, I do not wish to be cranky on this subject, but our trade shows have done so much for me, and I see such possibilities in them for others and the trade at large, that I wish as far as possible to create greater interest in this vital organ of the S. A. F. I ask you gentlemen to throw your efforts for the building up and improving of this branch of our work. What the eye sees is retained longer than evidence taken in through any other of the senses. Show the best, that customers will know when they are getting the best, and you will make it more difficult for poor stock to be palmed off on purchasers. Exhibitors at our conventions are doing more than just selfish work. These exhibitors are keeping up an education among florists themselves, of incalculable benefit. Brother exhibitors and florists, I ask of you to do all you can for this feature of the convention. If you see points that are weak, seek in a wise way to strengthen them. If we tear down let us have something better to put in its place. The discussion that will follow this, I hope will bring out many valuable thoughts, and indicate lines of improvement.

I had thought to give you a few of the requirements of a successful exhibition, but I fear that would only be a "drug on the market" as you all know how to "get there," as well as I do. If I could tell you how to conjure impossible conditions so as to bring a harmonious combination, Oh my, what shows we would have! No ill feelings, no debt to wipe out and everyone with first. There are great opportunities for the trade to develop through exhibitions and shows. It behooves us, as wide-awake S. A. F.'s, to endeavor to take advanced steps in exhibitions. We must have national exhibitions in keeping with our national progress, they will be trade promoters, and we must watch and work with our government and the management of future great expositions, and see that our interests are second to none. I believe our Trade Exhibition is the most important feature of our meetings. See to it then, that it receives due consideration in the future. It is worthy of the best hall and management, this organization can command.

There is another sort of a trade exhibition, which it might be well to call to mind. The efforts individuals may and do make at home in their every day business. The chief end of a display is to create a desire, and offer an opportunity for comparison. No honest dealer can begin to convey, by a description in type, what he has to sell, as he can by placing the thing itself before the would-be purchaser. This being fully realized, the up-to-date florist, or dealer, is always ready and anxious to show his skill at every opportunity. This applies to the local florist of a small town, as to the leading city establishment, to our county fair, as to our grand expositions and trade displays. If you are a market florist, it stands you in hand to study your display, so as to make it catch the eye, and cash as well, as to study how to produce. Only the smartest are capable of running the retail end of a florist business, and at the same

Illinois Building, Omaha Exposition.

time conduct the growing successfully. I am sure increased business will come to many who will give these sales exhibits more attention. Get out of the ruts, be different, so a fellow will know just when he has come to Smith's stand by its style and make up. Give it an individuality in some way, so you will be known from the half dozen neighbors near by.

Trade requires you to show the newest and best you have. You must fulfill this requirement, or lose custom. Show your goods, is a law of trade as essential to us as to any other line. Business men fully realized this hence the great combinations spending millions of dollars and resulting in our great expositions. Go into our cities and see the quantities of valuable goods placed attractively in large show windows, placed with all the skill and art that trained help and costly fittings can command, and you can form some idea of the value placed on trade displays in other lines of business. Our retail flower stores are not behind in this grand effort at display, for they, too, are abreast of the times in showing their beauties, with all the accessories of glass, gilt and electric lighting.

Trade displays, yes, these are the very essence of trade displays. It is not possible for me to approximate the value of these displays to the business itself. I know a prominent florist who estimates the actual value of his window display at not less than fifty dollars per day, what its direct value to him is, I cannot say, but that this one window has been of great indirect value to the balance of the city's flower trade, I have but little doubt. Through blistering summer, and frosty winter, that grand, beautiful live flower picture is feeding the hungry, who cannot possess, and drawing the dollars from the rich who see only to possess. In the language of the proprietor of this store, "they walk right in and buy." Truly I believe this display is richer than the eye can see, and he who makes it is a benefactor of his race, be he the individual taken as an illustration, or any one of the hundreds making the same efforts.

Florists should be strong supporters of every effort to beautify public grounds, for they bring to the public eye the uses and beauties of our goods, and in a measure are trade exhibits. A beautiful plant, flower or combination of both, seen for the first time at some park, or exposition, stamps itself on the memory, awakens a new interest, and desire which at the first opportunity will be gratified, and some tradesman will have made a sale and be benefited.

Realizing the value of showing our goods, it behooves us as a society and as individuals, to let no opportunity pass that we can utilize for the purpose of these displays. Many local clubs and individuals are, and can do much to increase trade by making these displays. We can greatly increase the love for flowers by showing the people what to have, and how to have it, and when they have it at its best. I hope to see this trade feature extended, improved and worked up to the highest degree of effectiveness.

A FEW REMARKS ON THE DAHLIA.

By Lawrence K. Peacock.

[Read before the Omaha Convention of the Society of American Florists.]

With the revived popularity of dahlias comes a renewed interest in anything pertaining to their development and culture. I regret recent ill health prevented my presence with a more exhaustive article, but I will be pleased to give any further information in my power or answer questions in any of the trade papers. During the present year there was an increase of fully fifty per cent. in the sale of dahlia plants and bulbs and during the past six years over five hundred per cent., or an average of nearly one hundred per cent. for each year since 1892.

In reference to the different classes I am compelled to say that the cactus type has been a source of great disappointment in many ways first, they are not so free in blooming as the other classes; second, they will not keep so long after cutting; third, except in a few cases, they have very short stems, unless disbudded; fourth, they are the latest of all dahlias to bloom. There are, of course, some exceptions, that is, some of the true cactus dahlias do not have all of the above failings. For instance, the cactus dahlia, Henry F. Michel, is an immense flower of perfect form and an early and continuous bloomer, but, like other cactus varieties, will not stand up well after being cut. Of their form, however, it can be said that their beautiful forms and exquisite blending of colors, make them the most delicate and graceful of all dahlias. Of the cactus dahlias Delicata, Perle de la tete d'or, Lady Penzance, Gloriosa and Countess of Pembroke, if it can be called cactus, are the most valuable.

Show and fancy dahlias still seem to be the favorites, judging from the bulk of sales, but they are closely followed by the decorative class, or as they are sometimes called, semi-cactus, decorative cactus, etc. This is, perhaps, the most valuable type of dahlias for florists' use. They are strong, vigorous growers, free bloomers, full range of colors and have long stems. The most valuable of this class are Clifford W. Bruton, Wm. Agnew, Grand Duke Alexis, Mrs. E. C. Monroe, Henry Patrick, Maid of Kent, Nymphaea and Black Prince. Another fine variety is the Weeping Dahlia, "Lemon Giant." It is of pale yellow color 5 to 6 inches in diameter, deep and full; they are borne on long drooping stems and from a distance resemble large, fluffy bulbs.

The pompon dahlia seems to be holding its own in the race and with such beautiful varieties as Eleganta, Snowclad, Rosalia, Daybreak, Fairy Queen, Little Beatrice, Little Prince, Little Diavolo, and a score more of equal merit it is not surprising. Little Beauty is the name of a new delicate pink variety to be introduced in 1899. The petals are perfectly quilled and it is a valuable acquisition.

In single dahlias great advance has been made with a corresponding increase in popularity. The greatest objection to Paragon Nance, Cloth of Gold, and other old favorite single dahlias, were their great height and lateness of bloom. We now have single dahlias of large size and same length of stem on plants 18 inches to two feet high. Of these varieties St. George leads them all; color pure yellow; height, 2½ ft.; size, 4 to 5 inches in diameter; a strong, sturdy grower, free, early and continuous bloomer. Ada, Edina, Irene, Luxury, Vernie, Little Dorothy, Corrine and others, including Novelty, the new fragrant dahlia, combine in making the new dwarf, large, early, flowering, long stem, single dahlias one of the most valuable sections of the entire dahlia family.

I had not intended to say anything regarding our single stem branching system, but after the past heavy storm I must mention it even at my own expense. During April and May we had rain almost every day for six weeks which prevented early planting. This was followed by a severe drouth broken only two weeks ago with thunder storms and very heavy winds. Now, as we were late and very busy we concluded that our dahlias—31 acres—would bloom earlier if not pinched back. This was a big item as we had a large number engaged as soon as ready. We were perhaps two weeks ahead by not pinching, but had taller plants by one third and shorter stems by one half. On Thursday evening, August 4th, we had an acre and a half of Clifford W. Bruton coming into full bloom standing about 5 feet high. During the night we had a heavy storm, with wind blowing a gale. On Friday morning, August 5th, our block of Bruton dahlias were flat and it took six men a half day to stand them up.

A friend of mine, Mr. C. E. Varnum, had two rows of specimen blooms grown to the single stem branching system; out of 300 plants exposed to the gale one plant was blown over and two or three leaned a little, the balance were standing as erect as ever.

In conclusion, I would like to call attention to the possibilities of the dahlia as a florist's cut flower, both for bouquets and decorations; varieties like Countess of Pembroke, Nymphaea and Clifford W. Bruton, have size, color and length of stem all that can be desired; also to the possibilities of the dahlia as an exhibition flower. The exhibitions of the past two years, in both Philadelphia and Madison Square Garden, N. Y., have demonstrated their value better than I can express.

I sincerely trust that at the next meeting of this society the American

Manufactures Building at the Omaha Exposition.

Dahlia Society will be officially represented and I think it would be a good thing if it could work in conjunction with the Society of American Florists.

IMPROVEMENT IN VARIETIES AND IMPROVEMENT IN CULTURAL METHODS AS EXEMPLIFIED IN HIGH GRADE FLOWERS.

By E. G. Hill.

[Read before the Society of American Florists at the Omaha Convention.

The subject assigned to me is one involving questions that lie at the root of all real progress in our profession.

The pessimist declares that there has been no real progress either in the production of new varieties or in the origination of better methods, that old things are the best things.

That there are numbers of florists, good men and fair growers, who hold this view, is unquestionably true. It is unfortunate that such an opinion should hold sway over any considerable number of gardeners and plantsmen, but one has only to look about with his eyes and listen with his ears to be convinced that such a condition of mind exists among a great many florists both East and West, and the position taken by them, and their utterances of such views, have a retarding and clogging influence upon our trade life, much as we dislike to acknowledge it.

The point of view may make a great difference with our conception of the relative progress or lack of progress of our craft.

The indifferent florist, the florist lacking in energy, the florist only partially interested in his work, these are the men who measure the efforts of their fellow craftsmen by their own short yardstick and defective scales.

Nothwithstanding their assertions, we claim that there has been progress in the production of new varieties of plants and this can be proven by a reference to the revised lists. Take the carnation; note what advance has been made since American growers have taken hold of this Winter flowering plant. Yet, palpable as has been the gain, there are still grumblers who claim that we have only added size and at the expense of quantity, and the gain is only superficial—nothing that can be computed in dollars and cents.

This line of argument can be refuted by the reply that second and third quality flowers remain unsold, while flowers of large size and perfect form find a ready market.

It is true that the production of new varieties and the improved culture of plants must go hand in hand, and we make the claim that they have very nearly kept pace together, although there are certain lines of plants of which this cannot yet be asserted; but take the rose, this is the flower upon the production and sale of which the florist is, perhaps, most dependent. It can hardly be asserted that the origination of new varieties has kept pace with the improved culture as exemplified by a large number of our best growers both East and West. We can count on the fingers of one hand the varieties of forcing roses which are necessary for the trade of the present day: Bridesmaid, Bride, American Beauty, Meteor and Kaiserin Augusta Victoria, Perle, Sunset, Mme Cusin, La France, Testout, Gontier, Mrs. Pierpont Morgan have all declined in favor, as did Bon Silene, Isabella Sprunt, Safrano, and Cornelia Cook in a former decade; we have not been favored with new sorts that can take the place of those named above. Kaiserin is the only late addition, and this is not as productive as could be desired in mid-winter under our present conditions of rose forcing.

Dame Fashion desires and insists upon having novelty and change in bonnet and gown, in house and furniture, in nearly everything which ministers to our sense of pleasure.

A city lady speaking recently of her floral decorations said: "I am very tired of seeing on my table Scott carnations and Bridesmaid roses, flowers which have become so common that they are flaunted in one's face at every street corner and ferry crossing; yet often there is little else to choose in this color."

One reason for the complaint of the lack of profit in rose growing heard at many of the large rose growing centers, comes from the fact that there is not variety enongh in our roses, hence the increased sale of other kinds of cut flowers, and the greatly increased demand for fine plants. If the proportion of cut roses is to keep up to the volume sold in previous years, it is manifestly evident that new varieties amenable to our present growing conditions must be forthcoming; roses for blooming in pots, for home and garden adornment, have been produced and have proven very popular as will be noted further in this paper.

The efforts of Mr. Jackson Dawson and of Mr. W. A. Manda are to be commended, for, if they continue in their line of improvements, we shall soon possess garden and climbing roses which shall combine fine decorative qualities with hardiness to withstand our severe Winters and trying Spring weather.

To revert again to carnations; from the best attainable data, it is fair to conclude that the art of producing fine flowers has kept pace, in measure at least, with the finer varieties of carnations introduced in recent years. The time of lifting the plants from the field, benching, preparation of the soil, feeding, staking, watering, and other details carefully looked after, have to a great extent revolutionized the method in vogue but a few years ago. If one wishes to be convinced that superior methods of culture prevail, and that the new varieties are finer in size and form, with better stems, and more variety in color, he has only to attend the annual exhibition of the American Carnation Society. This Society is doing a commendable work in diffusing knowledge tending toward better culture, and especially is its work valuable for the wise, fair and cautious methods of bestowing certificates and honorable mention upon new varieties. It is only fair to say that the greatest advance has been made in carnations as compared with other flowers, and that the equality between the improved methods of culture, and the improvement in varieties is very marked.

In chrysanthemums, the production of new varieties and the steady improvement in the form and finish of the cut blooms has been marked each year, despite the high grade flowers produced and exhibited the year of the World's Fair. Among the newer sorts are varieties more suitable for handling as cut flowers, varieties that bloom earlier, choicer sorts for very late growth, together with new colors.

The general production of finer flowers both for sale and exhibition as well as for decorative purposes, has been very marked.

In orchids, great strides have been made in cultural methods; the old coddling process has given way to a common-sense and economical system of management. This genus of plants will grow in favor with the public as people become better acquainted with its charming colors, unique forms, and simple requirements. Prediction is made that they will become an important factor in the cut flower market as soon as the new methods of culture are more generally known and practised.

To decorative and bedding plants there are constant additions of valuable varieties; some of the notable things are to be fonnd among the new Brazilian caladiums; these are marvels of color combination.

Among the newer crotons are many brilliant and valuable additions to standard sorts; crotons grown under the new conditions prevailing, with artificial heat in Summer, and suitable soil, are destined to perform an important part in all decorative plant work.

Asparagus Sprengerii will prove one of the most valuable plants of recent introduction when once its diversified usefulness becomes known.

Everything indicates a marked improvement in all cultural methods as applied to the development of plants for the production of cut flowers; progress is the watchword; every wide-awake florist questions, "Is there a better way than the method I am using?"

Plants and their requirements are being studied and understood as never before, and we in America are standing on the threshold of a new era in their growth and production. Let us be fully alive to the possibilities that lie before us in Flora's grand domain, and like our gallant tars and brave soldiers, not be content to simply keep

abreast of the general line, but like the true American show that there is a "man behind the gun" who can and who does hit the mark.

In our endeavors to create new forms in plant life let us bear in mind the wants of the American people. We want new roses that shall supplement our too meagre list of really suitable varieties for cut flower production. Let us seek a tea rose of the shape, form, and productiveness of Bridesmaid with the color of a Jacqueminot; we also need a yellow Mermet. If the rose growers would seek as persistently, as have the carnation men, to produce choice seedlings, these two forms and tints would soon fill our eyes with gladness and our hearts with joy. Let no American rose-grower use the names of Admiral Dewey or Commodore Schley until he has a scarlet Bridesmaid or a yellow Mermet with which to honor and adorn the names of these two gallant Americans!

Noteworthy evidence of recent advancement:

(1) The houses of grafted roses at the Waban Conservatories, at Natick; results showed stouter canes than under similar conditions on own roots, and 30 per cent. more of A1 blooms.

(2) A house of Crimson Rambler rose at Robt. Craig & Son's, Philadelphia, flowered in pots for Easter sales; those grown in pots for two years gave even better results than those potted from the field the preceding Autumn.

(3) Dracaena Sanderiana as grown by W. K. Harris, Philadelphia, is one of the choice things for the center of jardinieres and fern pans.

(4) A bench of Mrs. Lawson carnations as grown by Mr. Peter Fisher of Ellis, Mass.; observed early in February, showed extraordinary good cultural results; the bed shaded by cheese cloth in the middle of the day.

(5) Bench of Hector carnations as done by Dailledouze Bros., Flatbush, N. Y.; under their method of culture very prolific in bloom with good large flowers.

(6) Growth and bloom of American Beauty and other roses as grown on common drain tile benches by Bassett & Washburn. The perfect drainage produced by the tile is certainly an important factor in cultural conditions.

(7) The exhibit of carnations by W. N. Rudd at the Chicago meeting of the American Carnation Society, varieties Mayor Pingree, Mrs. McBurney, Jubilee and Flora Hill.

(8) The bench of bedded dracaenas at Mr. Dressel's, Weehawken, N. J.; indicates the possibility of growing this class of plants at a minimum of cost and in a most expeditious manner.

(9) The geraniums grown in pots by C. W. Johnson, gardener for W. N. Rudd, and exhibited in bloom at the Chicago Chrysanthemum Exhibition in November last. Their development showed what could be done with geraniums at our Autumn exhibits.

(10) Chrysanthemum blooms grown by Alex. Montgomery, Waban Conservatories, and shown at the Autumn exhibit of the Pennsylvania Horticultural Society. These were especially noteworthy on account of their fine finish and perfect contour.

(11) Bougainvillea glabra, as propagated, grown and flowered by Theo. F. Beckert, Glenfield, Pa.; especially praiseworthy.

I might go on indefinitely and cite instances of improved cultural methods as shown at various places, but the above will give some slight indication of the onward movement in plant development. Surely "the world do move," even in the floricultural world.

Recent noteworthy introductions:

Asparagus Sprengerii. This will prove of very wide value; it makes grand sprays for the table, for general use, and especially for flat bouquets, as it supports the flowers combined with it; its greatest beauty is seen as a pot or vase plant, standing as it does our hot suns. The two fine baskets hanging on the porch of Mr. O. P. Bassett's, Hinsdale, Ill., show its adaptability to this particular use.

Rose, Crimson Rambler. For the adornment of porch, trellis or pillar this is one of the most valuable introductions of recent years. As a plant for growing in pots for Easter and for Spring sales, this beautiful rose fills every requirement. The other varieties, called ramblers of different colors, will not bear comparison with the first variety.

Begonia Gloire de Lorraine. This beautiful plant has all the charm and exquisite beauty of the flowering begonia. Extraordinarily fine when well done; requires special treatment during a portion of the year on account of its herbaceous habit and character.

Carnation, Mrs. Geo. M. Bradt. This variety, on account of its great size and freedom of bloom, is one of the most striking of all Mr. Dorner's seedlings. This is unquestionably one of the desirable new things.

Carnation, Evelina. This promises to be an ideal white variety. The magnificent vases of flowers shown at various places the past season give promise of great value; it will have an extensive trial.

Chrysanthemum, Autumn Glory. This is one of the most charming of all pink chrysanthemums, having all the attributes of a splendid flower; its fine growth, but more especially its unique and beautiful color, places it in the front rank.

Rose, Lawrence Allen. An English hybrid; one of the last productions among the seedlings of the late Mr. Henry Bennett. This for pots, or forcing under glass, is one of the most charming roses sent out. A light satin-pink, of exquisite coloring, will prove excellent for Easter pot sales.

Geranium, Dryden. This is a novelty of the Mirande or Corona type. The flowers approach in size the larger of the single zonales. Coloring very intense. Has stood our hot Summers with impunity. Will be extensively grown when better known, for its value both as a bedder and for pot culture.

Rose, H. P. Bladud. A very near approach to the long looked for white H. P. This is also one of the late Mr. Bennett's seedlings and is destined to be extensively grown when its good qualities are known. Seems to be more free in production of flowers than most hybrids.

Two show crotons, Reidi and Baueri, both high in color and fine companions.

Deutzia Lemoinei. A fine addition to our forcing varieties of shrubs.

Cannas, acalyphas, geraniums, begonias all show fine varieties of recent introduction. A candid review of the whole matter shows, however, that much of the credit belongs to the plantsmen across the water for these fine novelties in general lines, and the fact also stands out plain and distinct that we are much better off, relatively, in regard to new plants, than we were even two or three years ago. May the wheels of progress move on. Let us all be wide-awake, ready to take advantage of the evolution of the new condition of things, as we see it coming our way.

GRAFTED ROSES FOR FORCING UNDER GLASS.

By Robert Craig.

[Read before the Omaha Convention of the Society of American Florists.]

This is a subject which is exciting very great interest in the minds of many rose growers of America at the present time. The business of forcing roses for cut flowers has assumed such vast proportions, the competition is so keen and the supply frequently so large that the markets are often glutted, so that only the very finest blooms demand remunerative prices, except on the now very rare occasions when there is a scarcity in the market. Any method, therefore, which gives promise of better results is eagerly discussed, and the most progressive are ready to adopt it as soon as it is shown to be of value.

Grafting of fruiting, flowering and ornamental plants is a very old art and has been practiced for thousands of years, but it is only recently (within the past ten years) that extensive experiments have been made in grafting roses for forcing in this country. * * * I will briefly give you the results of my own experiments and observations. I think it may be safely said that certain varieties, in a great majority of instances, show decidedly better results when grafted than when grown on their own roots. This is most noticeable in three important roses—Bride, Bridesmaid, and Kaiserin Augusta Victoria. The advantages are in the production of better blooms

on longer stems and a great quantity of them. I have also seen Mme. Hoste and Souvenir de Wootton do remarkably well; also Mme. C. Testout and President Carnot, when grown for summer bloom. I have now two houses of grafted Kaiserin, each 22x130, the plants planted on benches from 3-inch pots April 20, and they have been paying well for the past two months. This is the best white rose for summer, and therefore fills an important place. I must say I never saw young plants do so well as these have done and are now doing. The plants average three and one-half feet high and have been continually producing an abundance of good blooms. I have noticed this variety, grafted, doing particularly well in other places.

I must say here that I examined last winter a house of Brides on benches, one-half of which were grafted and the other half on own roots. There was in this case very little difference in the growth of the two lots, both doing exceptionally well, the grower, a very prominent one, remarking that he "could see no advantage in grafted plants." In all the other lots I examined, in different sections of the country, the grafted roses showed notable superiority. In the cases of Mme. de Watteville, Mme. Cusin, Mrs. Morgan and Meteor, no difference could be noticed between those grafted and those on own roots.

In the cases of Perle and Sunset, those grafted on Manetti were inferior to those on own roots. A good stock for these varieties and others that do not thrive on Manetti may yet be found. In 1888 Mr. Peter Ball, of Malden, Mass., had a honse of Perles grafted on the Yellow Banksia, which did remarkably well. I am of the opinion that no advantage is to be gained by grafting American Beauty, as that variety usually makes wood fast enough on its own roots. It may be worth a trial, however, by those who cannot grow the Beauty successfully on own roots.

I have noticed experiments with roses grafted on Rosa caroliniensis, multiflora japonica, La Grifferae, polyantha, Banksia, Rosa canina (used largely in Europe as a stock for Teas), Carmine Pillar and Climbing Wootton. In the cases of Bride, Bridesmaid, Kaiserin and Wootton, the Manetti has proven decidedly the best. It is not affected by eel-worms and is so vigorous it will stand very rich feeding. As to other varieties, a suitable stock may yet be found.

The Cherokee rose might be good, as it is extremely vigorous and an evergreen variety. The stocks may be readily grown here, but it is much cheaper to obtain them from Europe. They should be ordered of as nearly uniform size as possible and not exceeding five-sixteenths of an inch in diameter. When they arrive in the fall, they should be heeled in in a cool place, but where they will get no frost, which frequently injures them, until the time for potting them into 2½-inch pots arrives. After the stocks have been potted and put in a temperature of 45 to 50 degrees (it is better to start them in this low temperature) until they are well rooted, they are ready to graft. After the sap has started in the stocks, they should be kept from freezing, or failure will result.

The best method is what is known as splice grafting—that is, the stock should be severed by a long diagonal cut and the scion cut of corresponding shape to fit as nicely as possible. The important point is to form a direct contact between the layers of inner bark, as the pithy part in the center never unites. It is well to have the scion and stock as nearly a size as possible, and the union should be made as soon as possible after the scion is taken from the parent plant. The scion should not be kept for any length of time in water, the absorption of which prevents a good union from being made. The wood used for grafting may be kept in a box with damp moss or covered with damp paper. The scions may be tied with either string or raffia; the latter is preferable, as the string is apt to cut into and injure the graft. The operation should be carefully done, as the more nearly perfect the union the better for the future welfare of the plant.

The best time to graft roses is during January, February and March. After the latter month the sun gets strong and the top heat is likely to be too great. After the plants are grafted, they should be put in a tight case in the greenhouse, with strong bottom heat, which may be had by enclosing steam or hot water pipes under the case. For a case five feet wide, six 1¼-inch steam pipes, regulated by valves, would be ample. First whitewash thoroughly the inside of the case with the lime and sulphur as a preventive of fungus. This should be repeated every time a crop is taken out. There should be put in the bottom of the case an inch of coarse cinders or other rough material, as drainage. This should be covered by two inches of sand in which to plunge the pots, and the sand should be well soaked with water before the plants are put in; this will obviate the necessity of watering for several days.

In placing the pots in the case, it is well to leave an inch space between the outer row of plants and the side of the case, as fungus, the greatest obstacle to success, frequently starts in the woodwork. If fungus should appear, it may be washed off with clear, cold water. After the plants are put in the case, a steady temperature of 80 to 85 degrees should be maintained until the grafts have taken, which will be in from two to three weeks. No air should be given for the first three or four days; after that the sash may be raised an inch or two to admit air. As soon as the grafts have taken they may be removed from the case into a greenhouse with a temperature of 60 degrees, and staked up with light stakes to prevent the grafts from breaking off. It is well to shift them into 3-inch pots and establish them before planting on the benches.

CHICAGO TO OMAHA.

The special car from Philadelphia and Washington arrived over the Pennsylvania on time at 5 o'clock Monday afternoon, and was met at the station by the Chicago delegation. The party included: President Wm. F. Gude and wife, Mrs. J. H. Small, Sr., Miss Nina Small, A. Gude, F. H. Kramer, Philip Gauges and C. Schellhorn, all of Washington; John Westcott, Robert Craig, Paul Berkowitz, Wm. C. Smith, John Habermehl, Chas. Longinotti, J. Lincoln Brown, H. Sibson and wife, all of Philadelphia; Antoine Wintzer, West Grove, Pa.; C. W. Turnley, Camden, N. J.; H. Siebrecht and wife, New York; Robt. Reid and wife, Brooklyn, N. Y.

From Chicago on they traveled with the Chicago Florists' Club's party, which included: E. Wienhoeber, W. J. Smyth and wife, P. J. Hauswirth, A. Lloyd Vaughan, Edgar Sanders, Geo. Stollery, Jas. Hartshorne, G. H. Pieser, G. L. Grant, all of Chicago; Wm. Scott, Buffalo, N. Y.; E. G. Hill, Richmond, Ind.; W. J. Vesey and wife, Fort Wayne, Ind.; J. L. Dillon, Bloomsburg, Pa.; W. W. Coles, Kokomo, Ind.; Geo. A. Rackham and J. F. Sullivan, Detroit.

Soon after the Burlington train started the Chicago delegation invited all the other delegates to dine with them on the train at 7:15, and in the meantime suitable headquarters were opened in the smoking room of their special car, where thirsty souls were brought into a pleasant frame of mind. The dining car was specially decorated for the occasion and was very pretty with its show of roses. The inner man being well filled, cigars were passed from a huge box made of sweet peas, the lid being lettered "S. A. F." Fire policies, and the revenue stamp on the box, being represented by purple flowers. The cigars were tied in small bunches with narrow ribbon. Special arrangements had been made to keep the dining car on the train so long as the party wanted it, and the dishes being cleared away, President Grant, of the Chicago Florists' Club, called upon Mr. James Hartshorne to set the ball rolling with a song. Sir William Scott gave the ball several vigorous pushes in one of his inimitable speeches, in which he did not fail to include his champion humorous story that convulsed the whole party. Robert Craig made a telling speech on behalf of the Philadelphians. Edgar Sanders sang "Little Brown Jug" in a way that brought down the house. John Westcott contributed the Quartermaster General's orders. And a speech, song or story was had from E. G. Hill, W. W. Coles, W. J. Vesey, J. L. Dillon, G. H. Pieser, Paul Berkowitz, Jno. Habermehl, A. Gude, A. L. Vaughan, E.

Fire Policies.

Wienhoeber, P. J. Hauswirth, Geo. A. Rackham and A. L. Brown. It was a jolly occasion that will long be remembered by those present.

When the train stopped at Mendota the rain was falling in sheets, but there emerged from the storm Messrs. H. Schweitzer and Paul Stover, local florists, bringing with them a case of liquid with an invitation that the travelers take a passing drink with them. Mr. Schweitzer was introduced to the party, then seated in the dining car, and made a neat speech, saying that while florists always needed water they couldn't get along on a trip without some beer. The good will shown was heartily appreciated, and as Mr. Schweitzer stepped off the train he was given three cheers. It was a late, or rather early, hour before the last of the party sought their berths. The party arrived at Omaha, forty-one strong, on time Tuesday morning, and was met at the station by a large reception committee of local florists.

The other Chicago party that traveled over the C., M. & St. P. road included J. B. Deamud, M. Barker, J. C. Vaughan, A. Graham, E. H. Giesy, W. N. Rudd, C. B. Whitnall, W. Kreitling, R. Vincent, Jr., and wife, A. Schmitt, S. N. Pentecost, R. George, H. A. Hart, E. H. Cushman, W. F. Kasting, John Ryerdon, J. T. Anthony, J. V. Merrion, Harry Balsley, Carl Cropp, W. L. Palinsky, Geo. Wheeldon, N. Zweifel, A. Klokner, H. Hunkel, H. D. Rohrer and son, and one lady, whose name we did not learn, representing J. M. Gasser.

NEW YORK TO OMAHA.

The New York party consisted of the following: A. T. De La Mare and wife, John G. Esler, Wm. H. Elliott, wife and son, Wm. Nilsson, Woodlawn, N. Y., E. Leuly, W. Hoboken, W. Miller, Lynn, Mass., C. Warburton, Fall River, Mass., John Coombs and wife, L. B. Brague and wife, C. Weeber and wife, A. Wallace, C. McGlynn, W. E. Arnold.

ST. PAUL TO OMAHA.

The party from St. Paul and Minneapolis included: S. D. Dysinger, wife and boy; Aug. S. Swanson, J. Souden, A. Martin, C. Hansen, A. Lauritsen, all of St. Paul; F. Busch, E. Nagel, J. Hartman, R. Wessling, C. Schwan, Mr. Munson, all of Minneapolis; Frank Berry, Stillwater, Minn.

ST. LOUIS TO OMAHA.

The St. Louis delegates numbered twenty-two in all, and it was a very jolly party. The delegation included: Carl Beyer, Julius Koenig, Sr., Chas. Connon, Sr., J. M. Kunz, F. C. Weber, C. A. Kuehn, Prof. Wm. Trelease, Chas. Weber, E. H. Michel, R. F. Tesson, Emil Schray, J. J. Beneke, M. Rice, C. C. Sanders, Mrs. F. C. Weber, Miss Weber, Mrs. J. J. Beneke, Miss Michel, Miss Koenig, Miss Moss.

SECRETARY'S REPORT, CHRYSANTHEMUM SOCIETY OF AMERICA.

New chrysanthemums disseminated during 1898 are as follows:

By John N. May, Summit, N. J., Alice F. Carey, Chempwee, Dolores, Minnewaska, Miss Gladys Vanderbilt, Robert G. Carey, Spotswood.

By E. G. Hill & Co., Richmond, Ind.: Autumn Glory, Black Hawk, H. W. Longfellow, Boundless Snow, Solar Queen, Quito, Christmas Gift.

By Hugh Graham, Philadelphia, Pa.: Pennsylvania.

By F. Dorner & Sons Co., Lafayette, Ind.: Mrs. C. H. Peirce, Snow Queen, Merry Christmas.

By Theo. Bock, Hamilton, O.: Mrs. Wm. B. Brown.

By G. P. Rawson, Elmira, N. Y.: Wm. H. Chadwick, The Yellow Fellow, Madeline Pratt.

By C. W. Ward, Queens, N. Y.: T. H. Spaulding.

By A. Herrington, Madison, N. J.: Frank Hardy.

By J. C. Vaughan, Chicago, Ill.: Yellow Mrs. J. Jones.

By F. R. Pierson Co., Tarrytown-on-Hudson, N. Y.: Mrs. O. P. Bassett.

By Theodosia B. Shepherd, Ventura, Cal.: Susan B. Anthony, Victoria, Theo. B. Shepherd, Viola, Miramar, White Wings, Dazzling, Fly-Away, Darling, Madonna, Firefly.

By McDonald & Steele, Crawfordsville, Ind.: Mrs. A. F. Wienold.

By E. J. Paddock, Cleveland, O.: Adam Graham.

By N. Smith & Son, Adrian, Mich.: Arline, Thornden, Merza, Rustique.

By W. N. Rudd, Mt. Greenwood, Ill.: Mrs. A. J. Caton.

Of the fifty-two seedlings exhibited before the committee, twenty-five scored eighty-five points or more, and have been awarded certificates. The varieties are as follows:

Mrs. Arthur J. Caton, Boundless Snow, Solar Queen, H. W. Longfellow, Australian Gold, Bessie Hollis, Autumn Glory, Black Hawk, Pennsylvania, Mrs. O. P. Bassett, Frank Hardy, Chas. W. Crouch, Mrs. Sam'l Higdon, Snow Queen, Mrs. C. H. Peirce, Alice F. Carey, Robt. G. Carey, Spottswood, Miss Gladys Vanderbilt, Arline, Thornden, Rustique, Merza, Our Dear Friend, W. H. Chadwick.

ELMER D. SMITH, Sec'y.

FOR INFORMATION of real practical value The Florists' Review stands decidedly at the head.

THE FLORISTS' REVIEW

G. L. GRANT, EDITOR AND MANAGER.

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THE FLORISTS' REVIEW.

This issue of The Florists' Review will reach quite a number who are not yet subscribers. If you are one of these we want to add your name to our list. We shall give you full value for your money. The biggest dollar's worth given by any publication in existence.

We give you not only the best paper in the field, the one giving the greatest amount of information of really practical, every day value, but a certificate entitling you to the earnings on one dollar's worth of stock in the paper. See our offer headed "Co-Operation."

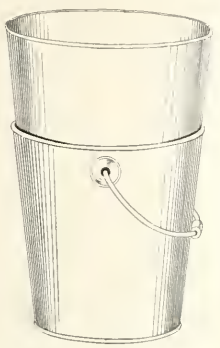
As to news of the trade, you miss nothing when you read The Review, and in the majority of cases you get it much earlier. In this issue of The Review you will find a full report of the Omaha convention of the Society of American Florists, which opened Tuesday of this week and closed this Thursday. This is daily paper speed in the gathering, printing and dissemination of news. It is the quickest work ever yet done by a weekly paper.

The Review proposes to keep its place at the head of the procession. We ask your support in this laudable determination. And if you don't see what you want ask for it. We will get it for you if it is to be had. Ask any questions you wish about matters pertaining to the trade. We will get the information for you if it is obtainable. We believe that the best matter to print is that which our subscribers want to read. And what interests you interests others in the trade.

OUR PRIZE COMPETITION.

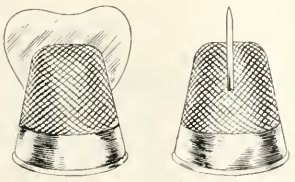
We have received descriptions and drawings of quite a number of labor-saving devices and useful suggestions in response to our prize offer, and we begin to realize the difficulty of determining which are most useful to the majority of our readers. It has occurred to us that the readers themselves are most competent to settle the question, and we have decided to submit the matter to a vote by our subscribers. We shall publish all that seem worthy of consideration and let our readers select the prize-winners.

We present the first installment herewith. There is a host of others to come. We shall number them in rotation and ask our subscribers to vote by number. Don't vote till you have seen them all. We will tell you when the last one has been presented.



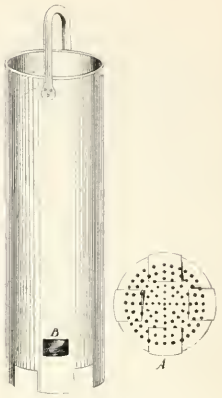
Extension to Bucket, for holding Cut Flowers. No. 1.

In this the main idea is an extension to a bucket. The bucket itself is inside and is used for holding flowers (particularly carnations) with rather short stems. The same bucket is used for the long-stemmed flowers by using the extension as shown, which slips out when not in use. The extension of course has no bottom. I find the galvanized iron buckets made of various sizes the very best and handiest for holding flowers. The extension simply makes them still more useful. The most convenient size I find to be about 10½ inches deep and 12 inches in diameter. Seven inches I find to be a good depth for the extension, but of course it could be made of any size. The flare should be the same as that of the bucket and fit snugly to the top of same. A.



Finger Knife. No. 2.

This might be called a finger knife. A thin blade of the best steel is cut in the shape shown and firmly fastened on the outside of a thimble. The top concave edge is sharpened, the side edges are blunt. It is used by placing the thimble on the middle finger and turning the blade crosswise of the hand. Its use is to sever the stems of carnations or other plants. The stem is grasped in the thumb and finger and the knife edge pressed against the stem below, making an upward cut. This is a particularly handy implement when the stems are tough and hard to break off. A.



Cheap and Efficient Smoker. No. 3.

This is a very cheap and efficient "smoker" for fumigating with tobacco stems. It is made of 6-inch or 8-inch second-hand stovepipe, which can be had almost for the asking. Four notches are cut in the lower end, as shown, and the pieces turned in to hold the perforated bottom shown at A in the figure. A hole just above the bottom (see B in figure) is for the purpose of lighting the "smoker."

We use these smokers in this way: First, a single handful of light shavings or paper is placed in front of the opening (B) on the bottom; on top of the shavings a little perfectly dry tobacco stems; the whole smoker from the bottom up is then filled with well dampened stems. A match is applied to the shavings, and when well lighted the smoker is set where wanted and the stems well pressed down to prevent blazing.

I have used these for a number of years and have seen nothing that will compare with them for cheapness, handiness and effectiveness. Another advantage they possess is that they save all the tobacco ashes. After using the smokers the ashes are all emptied into a barrel for future use as a fertilizer. A.

FLORISTS' HAIL ASSOCIATION.

The report for the past year of the treasurer of the Florists' Hail Association has been issued. During the year losses by hail have amounted to $7,585.88. Expenses during the same period have been $6,030.09. Total receipts were $16,596.90 and total expenditures $13,615.97. The invested funds of the association, entirely in interest bearing bonds, amount to $5,200.00. Albert M. Herr, Lancaster, Pa., is treasurer and Jno. G. Esler, Saddle River, N. J., is secretary.

S. A. F. OFFICERS FOR 1899

President, - - -	W. N. RUDD, - - -	Mt. Greenwood, Ill.
Vice-President, -	PHILIP BREITMEYER,	Detroit, Mich.
Secretary, - - -	W. J. STEWART, - -	Boston, Mass.
Treasurer, - -	H. B. BEATTY, - -	Oil City, Pa.

DETROIT SELECTED FOR NEXT CONVENTION!

THE BOWLING TOURNAMENT!

The Bowling Contest lasted till one o'clock Thursday morning. Buffalo was unable to make up a team of all of their own members and made up a mixed team, being admitted to the contest with the understanding that they could not score a win for the Evans challenge cup.

Their team made the greatest number of pins and would have won had they not been barred. St. Louis took the cup with the highest score among the regular teams, and next year all will have another chance. The gold medal offered by the Omaha club to the individual bowler making the highest average in the three games was won by William Scott of the Buffalo team with an average of 179. Following are the scores in detail:

BUFFALO.

Bowlers—	1st	2nd	3rd	
W. F. Kasting	121	158	178	
J. V. Merrion	115	91	115	
W. Mott	112	138	140	
W. W. Coles	131	123	173	
J. J. Hess	108	148	152	
Wm. Scott	175	164	200	
Totals	765	828	959	
Grand total				2552

CHICAGO.

Bowlers—	1st	2nd	3rd	
J. S. Wilson	179	150	153	
G. L. Grant	104	128	117	
P. J. Hauswirth	118	120	109	
George Stollery	144	149	135	
W. Kreitling	115	130	126	
A. L. Vaughan	113	83	104	
Totals	773	760	744	
Grand total				2277

PHILADELPHIA.

Bowlers—	1st	2nd	3rd	
A. L. Brown	171	147	131	
W. C. Smith	98	97	109	
John Westcott	156	125	160	
C. Longinotti	150	121	168	
Robert Craig	113	140	121	
J. Habermehl	99	158	125	
Totals	787	788	814	
Grand total				2389

ST. LOUIS.

Bowlers—	1st	2nd	3rd	
C. A. Kuehn	118	119	102	
C. C. Sanders	133	111	97	
E. Schray	139	135	116	
J. W. Kunz	157	120	144	
J. J. Benecke	127	157	145	
C. Beyer	150	141	158	
Totals	854	783	829	
Grand total				2466

CLEVELAND.

Bowlers—	1st	2nd	3rd	
S. N. Pentecost	156	94	120	
E. H. Cushman	116	126	154	
W. L. Rock	128	159	133	
A. Schmitt	61	85	70	
A. Graham	92	167	105	
H. A. Hart	103	76	101	
Totals	636	707	680	
Grand total				2023

OMAHA.

Bowlers—	1st	2nd	3rd	
A. Donaghue, Sr.	156	120	99	
J. F. Wilcox	165	135	182	
J. Hadkinson	131	85	173	
G. Swoboda	99	89	109	
L. Henderson	139	112	140	
L. C. Chapin	139	114	108	
Totals	827	655	811	
Grand total				2293

AMONG ST. PAUL GROWERS.

L. L. May's.

L. L. May & Co. have about 40,000 feet of glass, and every inch is utilized and made to produce something. This year's planting of roses is as follows: 2,000 Meteor, with which they have had excellent results the past two seasons; 2,000 Bride, 1,300 Siebrecht, 1,200 Beauty, 1,500 Bridesmaid, 500 Sunset, 300 Testout, 150 Carnot and 100 Perle.

Siebrecht they consider a first-class all-around rose, its only weakness being the stem, which is improving each year. Testout is an excellent flower for counter trade, but too shy a bloomer and too poor a shipper to be profitable. Perle has never done well with them, the growth all going to wood; their soil is evidently too heavy. Carnot is a beautiful rose, but not considered profitable for winter blooming. For summer they are growing Kaiserin, Sunset, Meteor and Beauty.

In carnations they will bench about 8,000 plants of the following varieties: Jubilee, Bon Ton, and Firefly, for red; Daybreak, Tidal Wave, Triumph, Mrs. McBurney, and Victor, pink; Flora Hill, Evelina, McGowan, and Ivory, white; also a few hundred plants of Mayor Pingree and Mrs. Bradt.

They have now growing 10,000 mums for single stems. I noted the following good varieties, and there are others: Frank Hardy, Bannaffon, Whildin, Mrs. Robinson, S. T. Murdock, Jerome Jones, Elvena, Belle of Castlewood; Glory of Pacific, Merry Monarch, Mad Bergman, Fitz Wygram, Mutual Friend, Dorothy Deven, Mrs. Chadwick, Mrs. Geo. Peabody, Mrs. C. H. Pierce, Zulinda, Yanoma, Quito, Autumn Glory, Mrs. H. Weeks. They are growing 1,000 pot mums, but have discontinued growing standards, as there is no money in them.

In addition the above grown for cut flowers, this firm forces upwards of 250,000 bulbs annually, besides growing 50,000 pansies and 50,000 to 75,000 bedding plants. Nearly all of their stock, or about 90 per sent, is sold at retail, the balance being disposed of to dealers here and in the northwest.

Chris. Hansen's.

Chris Hansen, who started in business nine years since, has eleven houses containing 28,000 feet of glass, and is now adding to this a violet house 11 by 120 feet.

His stock this year consists of 1,500 Perles, 2,800 Bride, 2,400 Bridesmaid, 400 Beauties, 400 President Carnot, 1,000 Belle Siebrecht, 1,500 Meteor, 500 Testout and 700 Wootton. For summer cutting he grows Kaiserin, Perle, Meteor and Testout. Stock is all planted in benches, one of the houses being subirrigated, this being experimental with him. We could see no difference in the appearance of the plants in this house and of those watered in the usual manner. It is, however, a little too early to decide on the merits of this system, for after the blooms come its value will be known.

In carnations he grows Jubilee, Flora Hill, Daybreak, Evelina, Bon Ton, Firefly and some other new varieties. He also grows a house of smilax, another of asparagus, and has benched 3,500 mums for single stems. His trade is principally wholesale, he having discontinued his city store some time since. His trade is in the Twin Cities, with a considerable shipping trade to outside towns.

AMONG CHICAGO GROWERS.

J. F. Klimmer's.

In carnations J. F. Klimmer will this season bench 2,000 Flora Hill, 1,200 Tidal Wave, 1,000 Scott, 500 Triumph and from 50 to 100 each of Evelina, Dazzle, Argyle, Gold Nugget and Bon Ton.

He is very greatly pleased with Flora Hill and has entirely discarded McGowan in its favor. With him Hill gives many more flowers and they sell at a better price, too. But McGowan never did do as well with him as with most other growers. He finds that Flora Hill blooms much more freely in a light sandy soil and that it should have less water than most other varieties. If given the same amount of water as McGowan requires the growth of Hill will be lanky and it will not produce as freely as if kept drier. He got 100 plants in February, 1897. They were afterward grown in the field all summer, housed in September, bloomed all winter and again planted out in the field this spring. From this 100 old plants in the field he has cut 1,800 flowers from about July 4 up to July 22.

He is very favorably impressed with Triumph. With him it blooms more freely than Scott and the flowers bring a better price. But he finds it must be housed early. He will bench his by August 15. If planted in late the flowers come short stemmed and salable blooms are not produced till Christmas.

He thinks Dazzle will prove a paying sort and likes the way Evelina is growing in the field. He gives Tidal Wave a heavier soil than his other varieties. His soil is naturally very light, but finds an addition of sand good for Flora Hill.

He has tried and dropped quite a number of sorts. With him Lily Dean was a good fall and summer bloomer, but very shy in winter. Pingree was rusty and didn't produce well with him. Harrison's White had a fine habit and growth, but was a poor producer and the flowers were small. Daybreak became rusty and played out. Mrs. C. H. Duhme was a beautiful flower up to Feb. 1, but then they began to split. Up to Christmas it was better than Daybreak, but after that the lady's conduct was reprehensible. He had 100 plants of Morello last season and they were fine and strong, but they produced only two flowers up to Christmas and so few afterward that he threw them out in disgust. Evidently his soil and conditions are unsuited to it. He gives all his carnations a temperature of 50 degrees. He also tried Thos. Cartledge, but the flowers didn't open well in winter and they faded badly in summer.

In chrysanthemums his varieties for this season are Glory of the Pacific, Yellow Queen, Bergman and Sun Clad. These were propagated in February and kept pinched to make them bushy. He aims to get flowers of only moderate size, but wants 7 to 9 of these from each plant. They will be used to make up bunches of flowers for cemetery trade where a good show is wanted at a moderate price. He is planting the early sorts in an east-facing frame that is heated by one length of 2-inch hot-water pipe. After the mums are cut the frame will be planted with pansies to supply cut flowers during winter and spring. One winter they tried carnations in this frame, but they didn't do well.

Henry Mundt's.

Henry Mundt's is only a mile distant from Mr. Klimmer's, but his soil is considerably heavier. In carnations he will this season house 2,500 each of Tidal Wave, Daybreak and Silver Spray. The only new sort he is trying is Argyle. He tried Jubilee, but it was too rusty for him. Flora Hill had too weak a stem. He gave it the same quantity of water as the others. This and his heavier soil may have made the difference between the behavior of his plants and those of Mr. Klimmer.

He supports his carnations with twiggy willow branches stuck in the soil between the plants and thinks this is away ahead of any method of staking. The ends of the willow branches are first scalded in boiling hot water to prevent their taking root in the soil.

Sweet pea vines are growing up along the edges of his carnation benches about 8 feet apart. After soaking the seed a few days a few were planted early in December in the places where the plants were to remain. The varieties were Blanche Ferry and Emily Henderson. He cut the first flowers about May 1 and the crop from the vines added materially to his revenue. As to the shade cast by the vines there wasn't any to speak of until so late in the season that it was a benefit rather than otherwise.

For summer carnation flowers he grows Mrs. Fisher and will soon begin to cut bloom. He propagates these in the fall and carries the plants through the winter in trays until they begin to make growth toward spring when he pots them up. But he puts them out in the field as early as possible. During the winter he makes sure the plants have abundant drainage as but a trifle surplus of water will kill them off.

(To be Continued.)

Roman Hyacinths.

If not already here they will soon be arriving, and the paper white narcissus will soon follow. It is not profitable to plant but a few now, and the bulk of the bulbs will have to be kept over for a month or two. It is best to unpack at once, keeping the bulbs in boxes or flats, and not too many together. A cool, perfectly dry cellar would be an ideal place to store the bulbs till you wanted to box them.

Once more let me say, don't put these bulbs into unwieldy sized boxes of a dozen different shapes and dimensions. A box 2 feet long, 1 foot wide and 3 inches deep, inside measure, is large and deep enough for the welfare of the bulbs, and quite as heavy when full of damp soil as any man wants to lug around a greenhouse. Romans planted now can, without any great forcing, be had in flower by early November, and are usually then in good demand. A box the size I have described will hold 50 bulbs of Romans without any crowding.

When first planted give them a thorough watering, and when it has soaked in cover the flats with 3 inches of sandy soil. If you can place the flats in the shade of a building or fence, so much the better, for they will need less water, but wherever they are they should, unless it is a very wet time, receive a good soaking once a week. If allowed to be dry they will make roots slowly, and a longer time will elapse before you can bring them in.

The paper white narcissus require just the same treatment, but they root much quicker, and when you see their green tops showing through the 3 inches of covering you can bring them in. I would say, however, that desirable as it may be to have a continuous succession of these well-known flowers it is at Christmas that the paper white is most useful, and that seems the time when they are at their best, and to obtain them then requires much less forcing, which greatly helps their quality. The early part of September is about the right time to put the bulbs in the flats.

Freezias.

The bulbs I have seen arrive of these are very fine. Some can be kept for a later planting, but half your lot may as well be planted at once. They have not been very profitable with us for several years, but it is a sweet little flower and the bulbs are now so inexpensive that a thousand or two are worth growing for your own trade. For cutting you can grow them in flats, and it is well to have a number in 4 or 5-inch pots, for they are often asked for.

To have a good looking pot, place the bulbs 2 inches apart. They need no covering of soil or other material above the soil in which they are planted, as do hyacinths, tulips, etc., because they make leaf and root growth at the same time, or nearly so. If you put the boxes or pots in a frame out of doors, a covering of half an inch of leaf mould or spent hops will help to keep the soil moist, but a bench in a house that is shaded, with lots of ventilation, will do very well to start them and I believe that plants in a greenhouse do invariably get more faithful and regular attention than those in a frame.

I said a shaded house to start them, because you would not have to be so often watering them, but as soon as they have made 2 inches of growth they want perfect light, plenty of air and a cool temperature; then they make a short, sturdy leaf growth with their flowers above their foliage, which is the only way a freezia should be seen.

Cinerarias and Calceolarias.

A second sowing of cinerarias should be made towards end of the month. These will come in for Easter and about the same time sow calceolarias. Sow only the best strain and never attempt to grow of either more in quantity than your trade demands or than you can take the best of care of. Both are showy cheap plants, very ornamental if well grown, but an abomination if poorly grown. The early sown cinerarias that will be now in 4-inch pots would do finely in a frame shaded only from the fiercest rays of the sun from 10 a. m. to 4 p. m., about the same as you would treat cyclamen, but if that is not convenient a bench where there is plenty of fresh air and the glass slightly shaded is safest. Common plant as the cineraria is, there is nothing more easily spoiled by neglect or foolish watering. If allowed to get wilting dry they lose their bottom and largest leaves, and if overwatered they die, and when they die they are dead. There is no resurrection for them. Many plants may suffer by overwatering, and recover, but when a cineraria droops from being water soaked it is good-by forever.

Chrysanthemums.

If you put in a good batch of cuttings middle of July for pans and benches that are near the glass, you will soon be potting them off if you have kept the bed thoroughly soaked. For several seasons we put the rooted cuttings from the propagating bench at once into the pans, but found last year a better plan was to pot them all into 2-inch pots and when sufficiently rooted in the little pots, select plants of an equal growth and strength for each pan. A 9 and 10-inch pan we found the most salable size. Nothing but dwarf varieties of good habit are any good for this purpose. Ivory, Lincoln, Bergmann, Bonnaffon, Maud Dean (rather too tall) and Nemesis are good for this purpose. If you do not sell these pans there is still a good profit, for you will be sure to be glad of a lot of compact grown, medium-sized blooms that have cost you but little time to grow and occupied only a relatively small space. No shade for mums anywhere after once rooted.

WM. SCOTT.

AMONG PHILADELPHIA GROWERS.

Wm. K. Harris.

William K. Harris has an interesting and economically run plant of 75,000 square feet of glass at Fifty-fifth street and Springfield avenue, West Philadelphia. Only fifteen men are required to handle the stock of decorative and flowering plants, chrysanthemums, bulbs and a few carnations.

A very fine shed, large and roomy, extends the entire length of the place, the houses opening into it from each side. Steam is used for heating, the fuel being coke. The special feature is the plate glass. There are two houses built of this expensive commodity, one of French, the other of American plate. The latter is the cheaper and is considered fully equal to the imported in quality. It is popularly supposed this glass is used partly as an advertisement. "The only florist who uses plate glass," said in a tone of awe. But Mr. Mills, Mr. Harris' foreman, denies the truth of this impression. He sums up the merits of plate glass in this way: It is very durable, requiring a sledge hammer to break it; it is very light; oranges can be fruited to perfection in such a house; it is very warm; on a raw morning when an ordinary house of double-thick glass can scarce be kept at 60 degrees with half a dozen steam pipes turned on, the plate glass house stands at that temperature with but two pipes and the air, moreover, has a soft, balmy feeling peculiar to spring—and plate glass.

Ficus elastica is grown extensively. The branching rubbers untouched by the knife, with even shoots and foliage to the pot, are well known. Areca lutescens and Latania Borbonica are grown in great numbers, too, in from 6-inch to 12-inch pots, occasionally larger. Kentias are here, too. Then there are pandanus galore: utilis, not so common now, Veitchii and some fancy sorts. Dracaena Sanderiana, probably the largest stock in the country, is cultivated both singly in 3-inch pots and massed in 6-inch.

Among the flowering plants, Otaheite oranges are here in all stages of growth. Hydrangea Otaksa, Spiraea compacta, genistas, azaleas, are forced in great numbers. Then there are ramblers, rhododendrons and bougainvilleas: lilies, Harrisii for early and Japan longiflorums for late, valley and Von Sion extensively, and tulips, just a few. Three houses of chrysanthemums. Mr. Harris finds the demand insufficient to make early sorts pay, and uses late varieties, chiefly his own seedlings. Two new ones are "Miss Florence Harris" and "Our Dear Friend," the latter, in name at least, a necessity on every successful place. The ventilators are regulated by thermostats with water power, self-acting.

No manure water is used, the aim being to supply all the ingredients required in the soil when first prepared. Insecticides are not used, tobacco water applied twice a week being preferred. Jardinieres, glazed and colored, and compost in bags for the seedsmen and storekeepers, are side issues. The stock is sold in Philadelphia and shipped to many other cities.

Joseph Heacock.

Joseph Heacock has an exceedingly well adapted piece of ground for greenhouse purposes located at Wyncote, near Jenkintown. The houses are built on the side of a hill facing the south, rising one above the other in such a way that the sun seems to have great power on all. There are 65,000 feet of glass devoted to roses and palms. Ten houses are planted with American Beauties, two and one-half each with Brides and Maids and one with Meteor, which was very successful last season. The stock is on own roots, excepting a few teas, young and grown on benches. The north sides of the rose houses are utilized for short pitch palm houses about 8 feet wide, single walk and two benches. These were filled chiefly with Cocos Weddeliana in from 3-inch up to 6-inch pots. Besides the small houses there are two lofty houses of arecas, kentias and some latanias and phoenix. Rose leaf extract of tobacco and sulpho-tobacco soap are used for insecticides. Mr. Heacock does not like tobacco water; when using it he noticed some imperfect leaves were formed by the arecas, which were strong and vigorous. These leaves were attributed to supposed presence of saltpeter in the tobacco water and its use was abandoned. Small palms are plunged in ashes that the full force of the hose may help keep them clean. The palms are potted in rose soil with a small portion of Jersey peat added. This rose soil is no longer composted. The ground to be used is heavily dressed with cow manure early in the spring, it is then ploughed and frequently worked, bone dust is added, and when the material comes into the houses there is no sign of fertilizer apparent, the whole being thoroughly amalgamated. Wood ashes are used between the rows of roses during the blooming season. Mr. Heacock prefers the Canadian wood ashes. A manure tank under cover, such as described by Mr. Dorner in The Review, supplies liquid through the water pipes. The place is heated by four large steam boilers so arranged that any or all can be used as desired. The water is warmed in winter by an ingenious arrangement. A bell rings in the owner's and fireman's houses should the temperature in the houses fall or rise during the night beyond given points. The stock is sold chiefly in Philadelphia but there are some regular customers outside.

SUMMER ROSES.

Perhaps in New York, Chicago, Philadelphia, Boston and other large cities roses in the month of July, August and September are of little consequence, not enough in demand to warrant houses with time and attention being given them. Certain it is well known that when we country fellows send to any of the large growing centers for roses in midsummer a very poor article or none at all is the response. With us, and doubtless it is so the whole country over, there is demand enough in summer to use up all the roses that are cut. Doubtless there are ten roses wanted in January for every one that is asked for in July, but the proportion that is cut in January is about 200 for every July bud.

Some events are occurring daily around us that demand the use of flowers for no substitute can be found, births, marriages and deaths. Marriages can usually be fixed for a date agreeable to all parties concerned, but the other very important epochs of our lives regulate their dates regardless of our wishes. On these occasions roses are asked for, especially white and pink, and since what some people would call the "better classes," but we call them the "wealthier classes," have frowned on elaborate and set pieces of the florist art, the call for a box of roses, or a bunch of roses, or roses in any and every shape, has greatly increased. And do you blame them, the public, for their love of the rose? It is not a fad or a fashion that can ever pass away.

We may improve the carnation till it reaches John Thorpe's ideal. The lilies are beautiful, so is the modest lily of the valley. Orchids are gorgeous, grotesque and fantastic, but the rose is Queen above them all, and her throne is so exalted that all other flowers are mere satellites. Neither is it difficult to discern why she is queen. In form and finish of leaf and petal, in grace and beatuty and fragrance she is matchless in the floral world. The rose is never in season for it is never out of season; she is wanted 365 days in the year.

Now what have we to fill this universal and daily demand for Flora's gem? From October to middle of June we have roses of finest quality of every desirable shade, with stems of almost any desired length, but in the 3 or 4 hot months of summer it is difficult to obtain good roses with clean foliage. The hybrid perpetuals are out of the question. Hybrids, they may be; but as Peter Henderson said, "the word perpetual is a misnomer, particularly in our climate." The best known and most satisfactory of our winter flowering roses, notably Bridesmaid and Bride, give us but poor little buds after real hot weather has set in, and the houses and conditions under which they are grown for winter are the least favorable for producing good flowers in our semi-tropical summer. Admitting that there is a demand for roses at midsummer and at profitable prices, what are the best varieties to grow? At the outset we will say that the modern rose house adapted for winter growing is not at all essential, in fact it is the least suitable.

If I were to build houses, especially designed for summer roses, with a winter crop of something else, they would be equal span, with the bridge running north and south, and the largest possible amount of roof ventilation. They would be 19 feet wide, with a path running each side next the walls, and a narrow path in the center. Someone may say your center support will come in the center of your path. To obviate that the east rafter could be 12 feet and the west rafter 11 feet, which throws your ridge just where you want it, viz., to one side of the center path. If the roses were planted to remain four or five years, then I would put the bed on the ground, but if to be removed every spring then a bench 18 inches from the ground holding 5 or 6 inches of soil. Remember it is in July and August that you want your best roses, and 6 inches of soil will not dry out as quickly as 3½ inches.

American Beauties for summer use should be propagated in December or early January, and grown along without a stunt till they are by early April good plants in 4-inch pots. Directly Easter is over and you have room, plant the Beauties, but only on a bench. In about 7 or 8 weeks you will begin to cut roses and continue to cut profusely till November. By that time you need the bench for lilies or some other crop. After a few days of drying off you can lift the roses, cutting the strong shoots down to a foot from the ground and cutting out the weak. These plants, if potted in 6-inch pots and plunged in cold frame or pits and brought into heat eleven or twelve weeks before Easter, make the finest pot roses that can be grown. Three years ago we had several hundred treated exactly as described, and many of them had 12 to 15 buds and flowers, and brought at retail from $1.50 to $2.50 each. The house had paid finely during the summer, far better than chrysanthemums and not so much work, and the pot roses were another profit. I know of no other rose of that class that would pay to plant for summer bloom.

Now come the hybrid teas and teas. Everyone knows what a grand white rose is Kaiserin Augusta. President Carnot, grand for summer, as I have proved; the beautiful La France. Old Perle gives us perfect flowers in summer and the despised Wootton also produces fine buds, and there may be others well adapted for summer that are not profitable for winter. If you planted these roses to remain a few years you would pick roses, and fine ones, from April to November. In December, January and February letting the temperature fall down to say 35 to 40 degrees, giving them a complete rest; in March thinning out the weak wood, shortening back the strong, giving them a good mulch, and so on, you go again for another summer.

Perhaps you would not like to see the house lay idle for four months in winter. Then you must follow a different plan. You must have good, strong plants and plant not later than April the first. They would pay finely during summer and to the end of November, when they could be thrown out and lilies, azaleas or other crops take their place. Various combinations could be worked if you had several houses, for instance, roses, planted in April, as near the beginning of the month as possible, lilies from December to Easter, chrysanthemums to follow the lilies; December the first, H. P. roses in pots; they would be out by March or early April and the second year come your Kaiserins and Carnots again.

This is occupying the house the year round, and keen competition and the times demand that this must be the order of our business; no more empty benches at any time as we used to see twenty years ago. Still I believe taking labor and expenses and the cost of young plants, that to leave the plants in the solid bed, at any rate three years, would be about as profitable as throwing them out every fall, and the increased quantity of buds you would get from the old plants over the young ones would be very considerable.

I have been prompted to pen the above because I have seen this summer how difficult it is to purchase good, clean roses, and having had some experience with the varieties and methods described I have confidence that if the advice is followed the results will be satisfactory. At the same time I fully appreciate the fact that many of our growers know all the points I have given, but it is not for them I wield my pen. It is for those who like myself are always anxious to learn from anybody. Certain it is that there is room for more good roses in summer. WM. SCOTT.

TOAD STOOLS IN ROSE BED.

Please let me know through The Florists' Review what I shall do to eradicate a fungus that is showing all over my rose beds. My roses are in the best of health but I am afraid the toad stools may injure them. Their odor is very noticeable on entering the houses. SUBSCRIBER.

If "subscriber" wishes to clean off all trace of fungus let him stir the surface of his rose bed to the depth of about three-quarters of an inch, thoroughly pulverizing the soil; this done, spread a quantity of dry "air slacked lime" evenly over the entire bed, using about a pint of lime to every two square yards of surface; stir it well in the soil and leave in this condition over night; about 9 a. m. the following day give the bed a light watering, keep a little on the dry side for at least a week, and he will soon find all trace of fungus disappearing.

In this connection it might be well to add a word regarding ventilation. Many growers still have an idea that roses belong to a class of hot house plants and are afraid to open the ventilators wide enough to admit a draft of fresh air—"afraid of getting mildew," as they explain it. I am free to say there is more mildew and black spot and other diseases contracted by subjecting roses to such hot house treatment than by the more natural "fresh air" treatment. During the summer months, when the thermometer seldom goes below 65 degrees Fahrenheit, the ventilators should never be entirely closed; always leave a crack of one or two inches on all night, gradually increasing ventilation as the temperature rises in the morning until it reaches 80 degrees; at this point raise the ventilators to their full height and let them remain open during the middle of the day, gradually lowering them as the temperature falls in the afternoon until by 6 p. m. they can be lowered to about an inch and remain so for the night. Treated in this manner there is little chance of fungus growth gaining any foothold. S. A. B.

LEAF-ROLLER ON ROSES.

I would like to ask through the columns of The Review how to get rid of the leaf-roller on rose plants. W. E. H.

This ruinous pest may be destroyed by using the following solution, allowing it to remain on all day; it may be syringed off the following morning. One-half pint whale oil soap, one-half pint extract of tobacco (Rose leaf), to four gallons of water. Mix thoroughly and apply with a syringe. Three or four applications will completely destroy them. S. A. B.

THE RETAIL FLORIST.

This department will, we hope, be of great interest to all florists—to those who work in the finest stores and to those who "make up" on the potting bench alike. We shall endeavor to give a review of the very latest styles and valuable hints in all the branches of floral decoration. We shall treat only with flowers and material obtainable at the time of writing. Any questions pertaining to decorations or the art of arranging flowers will be cheerfully answered and we trust that all our friends will assist in making this department interesting and instructive to the thousands who work in the florists' stores.

This being the dullest time in the store, we should devote our thoughts to renovating and painting. Every ambitious florist aims to outdo his neighbor or rival in "appearances," but we should remember that the finest store cannot always boast of the finest trade. "Glitter" is not, therefore, absolutely necessary to a good business, but cleanliness and artistic ability is. Have the interior of your store painted white, or, more preferable, a rich cream color; it makes the store light and the color will harmonize with any flower. A clean store

imparts pleasure to and creates confidence in your customers. See that your store is painted now during the dull season. We shall deal on store "fittings" in another issue.

The finest flower obtainable now is Cattleya Gigas Sanderiana, the giant flowering Cattleya. It is a superb flower and adaptable for almost any form of decoration. It usually has from two to seven flowers on a spike. If a lady wants something fine to wear, send her a spray of these grand flowers without greens of any kind and twist the stem with and tie a bow of very narrow ribbon, which must be the exact color of either the lip or petals. A white or violet headed pin should be sent with it. If a bouquet or loose bunch of these flowers are ordered the greens used to hold them in place should be Asparagus tenuissimus, which should be covered with Adiantum Farleyense, or A. gracillimum. No wires should be visible, the stem made very small and twist and tie with Cattleya ribbon. Remember the finishing touch is what tells; ribbon the handle of your bouquets the same color as that used for the bow and have your arrangement light and graceful. Good prices should always be asked for orchids. Cattleyas arranged are worth one dollar or more each flower.

Stephanotis floribunda, or grandiflora, makes the very choicest of bridal bouquets. It is even finer and more appropriate than white orchids. In arranging cut off the stiff stem and leaves and stem the clusters with stiff wire. Use Asparagus tenuissimus or smilax for holding greens and fringe off with Adiantum gracillimum, interlaced with the finest tulle or delicate lace twine, the handle with white satin ribbon and tie with a large bow of double faced satin ribbon or delicate tulle. Large bridal bouquets are no longer stylish for the reason that they are too heavy and clumsy to carry in proper position. The up-to-date bouquet must be very light and graceful, so that the bride may carry it upright instead of upside down, as is usually the case when over-large or heavy. A well made bouquet of Stephanotis is worth from $25 to $50, according to the trimmings used.

Bouquets of Dendrobium Jamesianum with Adiantum Farleyense and trimmings as above make a very handsome thing and can be sold from $20 to $35 in both cases. The bridegroom should wear the same flower. Fine valley can be had now and it is always choice. When you are puzzled on what to send in the way of fine flowers don't be afraid to recommend valley, but it must be fresh. Take off the usual rope we find around it and rebunch it, arranging the best spikes high above the foliage.

Here is a case many of us have to meet at frequent intervals. On Saturday one of the richest ladies of New York sent an order from Newport for a boutonniere of white carnations to be sent to a certain party five miles from the store. We were sold out of white carnations and there were none to be had in the market. We spent ten cents car fare to another store, where we bought the carnations, six in number, for which we paid 20 cents. We had to arrange the six carnations in one boutonniere, put it up in a special boutonniere box, with fine paper and pin, and send a special messenger with it. This all cost us about 75 cents, but we could only charge 25 cents for it, and yet this must often be done simply because it pays. Don't grumble if you are out of pocket on some of your orders when they are from good customers. You can make it all up on the next order they send you.

The choicest funeral design New York can produce just now is a well made crescent wreath of lily of the valley with a large cluster of Cattleyas and a broad bow of white or Cattleya ribbon, but it must be made fine. From 1,000 to 1,500 valley and 25 Cattleyas can be used in a 30-inch wreath. No green should be seen but a narrow fringe of Farleyense on the outer edge. Such a wreath will bring from $60 to $75. D.

(To be continued.)

ORIGINATION OF NEW VARIETIES.

Cross-fertilization.—I believe none of the readers of these notes are ignorant of the presence of sexes in plants, and how fertilization to produce seed is effected, so I will only speak of matters to facilitate fertilization. But it will be well to mention the changes cultivation has caused in the build of flowers and what effect it has on the production of seed.

A naturalist pronounces the double flowers, that we so strenuously try to improve and perpetuate, monstrosities, as interfering with the free production of seed, the numerous stamens being converted into petals, thus invalidating fertilization. This is not the only irregularity caused by culture; there are others, but not quite so noticeable. In a large collection of seedlings we often find some that are incapable of producing seed, caused by the partial or total absence of sexual organs; others apparently perfect, but when used as seed parents have proven fruitless, indicating some derangement. Of such varieties Albertini and Scott are fair examples, while they are incapable to produce seed, the value of the pollen is unquestionable when transferred to other varieties, and vice versa. A variety may be able to produce seed, when fertilized with fertile pollen, its own pollen being sterile. So failures to produce seed on artificially fertilized flowers can mostly be attributed to that source.

There is often a misunderstanding regarding hybridization and cross-fertilization, the two being confounded. Hybridization is the crossing of two distinct species of a genus of plants. Cross-fertilization is when the pollen of one flower is carried to another. This may be of the same plant or from the flower of one plant to another of the same species or variety to fertilize same, and it is an acknowledged fact that cross-fertilization has the most beneficial effects on the vitality of the progeny so produced. In many varieties of plants nature necessitates cross-fertilization by maturing the pollen in advance of the pistil, thus preventing a fertilization with the pollen of the same flower, leaving the work of fertilizing to bees and other insects, who in quest of the nectar carry the pollen on their hairy bodies involuntarily from one flower to another. Our carnation belongs to this class of plants, but we find it in some varieties more pronounced than in others, and this peculiarity simplifies very much the work of artificial fertilization. What we practice in improving or originating new varieties is simply cross-fertilization, for our hundreds of varieties are all of the same species.

The procedure of fertilizing is very simple. I select the flower to bear the seed when half or nearly open, according to the advanced growth of the stamens, and remove the yet closed and often open pollen containing anthers, to guard against the least chance of self-fertilization. Then I cut away the inner petals to give the yet undeveloped pistil more room and a better chance to develop, the same as it has in a single flower. It will take one, two or more days to develop and mature the pistil, which, when arrived at that stage, can be noticed by the curved, spreading form, slightly curled points, and hairy upper surface to hold the pollen. To apply the pollen we use a very fine camel hair brush, and to make the dry pollen adhere, breathe over the brush to give it a slight touch of moisture, but by no means make it wet, as water will injure the pollen and prevent fertilization. The pollen is thus easily collect-

ed on the brush, and then transferred on the pistil by lightly brushing over it, depositing the pollen. The flower, if fertilized, will show it in a day or two by closing up the petals in the same style as in the provoking going to sleep; if not, the fertilizing process has to be repeated. I have often fertilized flowers that were two weeks old, patiently waiting for some pollen-laden insect or some stray pollen wafted by the wind, to alight on the outstretched pistil.

The best time to perform the work is on a sunny day during the forenoon. The sun rays will open the anthers and free the pollen, but one has to be on time, for the pollen will soon drop or become so dry that it will not stick to the brush. This does not follow that cloudy days are objectionable, in fact are not, providing the temperature is above 60 degrees. The anthers will open slowly, but the pollen remains longer in a transferable condition. To my experience, in a temperature below 60 degrees fertilization will be effected very slowly, and generally not at all. This plainly shows what temperature our carnation requires in the fulfillment of its highest functions and development of its growth.

The petals have no more relative influence on the formation of seed than to be the guiding light for insects as to where nectar may be found, and for which nature requests the involuntary work of carrying the pollen from flower to flower, fertilizing the same. Otherwise the petals, on which depend the worth and commercial value of a flower, are only leaves, and like leaves require for their development the cooler night temperature. We see th flowers open, lengthen and broaden their petals in the evening, while daylight, sunshine and higher temperature only tend to intensify and heighten their color, but on the other hand the higher day temperature and sunshine are conducive to the development of the sexual organs.

This explains why cool temperature is required to grow large flowers. While a higher temperature favors the growing of seed, a cooler temperature retards, nearly excludes this, and favors the development of the petals. We may go a little further. On a fertilized flower the petals wilt and dry up as soon as fertilization is effected; their mission is ended, but the calyx, another important part of the flower, remains intact as a guard to the growing seed pod, and dries up only with the ripening of the seed. It is more an attachment to the seed pod than a support for the petals. Now when that cool temperature principle is carried to the extreme I believe the calyx suffers with the retarding development of the seed organs, and I believe we can attribute this as one cause for split calyces at times in varieties that otherwise are perfect. I digress from my theme, but these thoughts follow so naturally that I could not omit mentioning them.

When the petals have wilted and begin to dry up, it is best to remove them, pulling them carefully, not in a bunch but rather one by one. Care must be taken that no water settles and stays around the seed pod inside the calyx, or else there is danger of mould and decay, and this is much aggravated when part of the petals are left. If there is danger from moisture accumulating inside the calyx it is better to clip it off near the base, so there is chance to drain the moisture, and a quicker drying up. Care must be taken, however, not to mutilate the base under the seed pod, as this will cause decay in a short time. It is needless to remind to give proper support and protection by tying to a stake, the same to be a little higher than stem and flower, to prevent any accidental breaking off of the seed pods. The time of ripening the seed requires from six to eight weeks. The usual number of seeds in a pod is from ten to forty and fifty, but many times there are less and sometimes more. The largest number I ever found was this past spring when I counted 116 grains from one pod.

FRED DORNER.

A GROUP OF QUESTIONS.

"Lettuce" asks for information on the following subjects:

1. When to sow Grand Rapids lettuce to have succession from November to April.

2. Can lettuce be grown in temperature of 40 degrees, also 60 degrees?

3. Will a heavy loam made friable with lots of manure, grow good lettuce?

4. What temperature is required to get cucumbers by April and when to sow seed for same?

5. Is January early enough to start 2-inch geraniums from winter quarters to make good 4-inch plants in May?

Answers.

1. Sow first of September to cut early in November and at intervals of every 3 weeks till middle of March.

2. Forty is rather low to grow lettuce profitably and sixty is too high in the dark days of winter when little ventilation can be given. About 50 degrees at night is the best temperature.

3. Yes, decidedly, although a light loam is preferable for it is easier to handle when you are making successive sowings.

4. Cucumbers should never be lower than 60 degrees and 65 degrees at night is much better. If you can maintain a steady temperature of 65 degrees and sow the seed by the first of January, you will cut cucumbers in April.

5. If the geraniums were propagated in October and kept in flats or 2-inch pots, cool till January then they should make fine plants in 4-inch pots by middle of May, but if not rooted till January then they will want a good light house and liberal treatment with soil and heat to make good plants by May.

WM. SCOTT.

HEATING.

I have six houses as follows:

1—20 ft. wide, 50 ft. long, 18 ft. to ridge, running north and south.
2—18 ft. wide, 70 ft. long, 12 ft. to ridge, running east and west.
3—12 ft. wide, 70 ft. long, 8 ft. to ridge, running east and west.
4—22 ft. wide, 70 ft. long, 16 ft. to ridge, running east and west.
5—12 ft. wide, 70 ft. long, 9 ft. to ridge, running east and west.
6—5 ft. wide, 70 ft. long, 7 ft. to ridge, running east and west.

The heater has two flows and returns and is located in dwelling house cellar at about the middle of the north of the range and the houses are piped as follows: One flow from heater runs across No. 2, 4 inch pipe, along south side No. 2 to east side of No. 1, from where the coils are supplied for houses Nos. 3, 4, 5 and 6 are taken. Another flow supplies house No. 1, which system appears all right.

The coils for house No. 3 are taken from flow on east side of No. 1 and run along under benches and return to return pipe also on east side of No. 1, by the side of the flow. The coils for Nos. 4, 5 and 6 are taken as for No. 3. This system is faulty. It does not give the required heat on account of the length of the runs, they cool too quickly. What improvement do you suggest? All the coils are 2-inch pipe. Flow and returns are 4-inch pipe.

FLORAL CO.

In reply to inquiry sent by Floral Co., he should have no difficulty in circulating around the seventy foot houses, assuming that connections are properly made and that the pipes have a grade of not less than one inch in every twelve or fifteen feet, which would be about twelve inches in the coils as he has them arranged, but if he would circulate upwards from the main to the east end, with a grade of seven inches, and then downwards back to the return main at west end, placing an air vent at the high point, it would simplify matters, and would avoid the high grade necessary when circulating entirely around the house.

The more positive arrangement, however, would be to run the flow and return mains directly south from the boiler, across the centre of houses numbered 3, 4, 5 and 6. If Floral Co. will state the grades he now has on the pipes, and will show how the coils are made up and connected to the mains, I may be able to assist him further.

HENRY W. GIBBONS.

New York.

CATALOGUES RECEIVED.

Williams & Sons Co., Batavia, Ill., tree and plant labels; Walker Fertilizer Co., Clifton Springs, N. Y., plant foods; P. J. Berckmans Co., Augusta, Ga., nursery stock; David B. Woodbury, S. Paris, Me., pansy seeds; John Peed & Sons, London, England, bulbs; C. H. Joosten, New York, bulbs and nursery stock. S. Jacobs & Sons, New York, hot bed sash and greenhouse material; E. Krelage & Son, Haarlem, Holland, bulbs.

BOSTON.

Review of the Market.

For this time of year, the market has been unusually active owing principally to the scarcity of flowers, caused by so much rainy weather, and by the unusual amount of funeral work. Those growers who laid in for a lot of out of door stuff are feeling considerably blue. Sweet peas have not been good for anything in over four weeks, and asters are suffering from stem rot, and there are quantities of misshapen flowers which are unsalable. Good roses are in excellent demand; Kaiserins will easily bring $1 per doz.; Meteors from $6 to $8 per 100; while Beauties are eagerly sought after at last week's quotations. Brides and Maids are improving in quantity, but are awfully small, and are sticky at from $2 to $4 per 100.

Carnations are about done; a very few coming in from out of doors, which bring $1 per 100. Asters are in good supply, and colored ones are a drug. White ones will bring from 15 to 35 cents per 100, the latter price being obtained for some fine Giant Comets. Tuberoses and gladioli in limited quantity bring $4 per 100 stalks, valley firm at $4; plenty of forced pond lilies, averaging 4 to 6 cents each. White flowers, such as achillea, candytuft, etc., sell well, being wanted for funeral work.

The Weekly Exhibition.

This week's show was devoted to exhibits of gladioli and perennial phlox, and some excellent displays were made by prominent private gardeners.

Mr. J. Warren Clark entered gladioli in three classes and obtained three first prizes. His entry of seedlings was fine, some of them being fully equal to Lemoine's. John L. Gardner also exhibited seedlings and obtained second prize. There were several displays of phlox, and Geo. Hollis, Rea Bros. and T. C. Thurlow received first, second and third prizes, respectively, for eighteen named varieties. Display exhibits of phlox were made by Geo. Hollis, Chas. H. Souther and T. C. Thurlow. Rea Bros. also showed some new French hybrids.

The usual collections of natives were shown by Alice Grinnell, who was awarded a bronze medal. Mrs. P. D. Richards and the Misses Doran. Gratuities were awarded to R. B. Strothers for display of seasonable bloom; also to James Comley for a fine collection.

Among other exhibits the Bussey Institute and Mr. John L. Gardner had some very fine Montbretias, receiving first and second prizes, respectively. H. A. Wheeler showed two specimen plants of Torenia Fournieri, receiving a gratuity.

News Items.

W. H. Elliott, wife and son, of Brighton, E. M. Wood, of Natick, and W. J. Stewart comprised Boston's delegation to the annual convention.

N. F. McCarthy, with Bob and Aleck Montgomery, of Natick, are catching fish and fighting mosquitoes down in northern Maine.

The funeral of Col. Bogan, of the Ninth regiment, Massachusetts, U. S. Volunteers, on Thursday, made business quite lively, there being 56 set pieces sent to the Armory where he laid in state. Galvin captured the most of them, making forty-seven set designs.

W. A. Bock, of Cambridge, is confined to his residence with sciatic rheumatism.

Miss Smithers, bookkeeper for McCarthy, returns to her labors this week.

Wm. Nicholson is building a house, 100x12, for small plants. Chas. Cummings, of Woburn, is also building a house, 75x18, with propagating house attached, while R. E. Lastman, of Waverly, and J. Harrigan, of Foxboro, are both hard at work remodeling their houses. P.

ST. LOUIS.

The Market.

The trade situation here remains about the same as last week, very little doing anywhere. Some of the store men seem to think that now the war is over fall and winter trade will be fully up to the standard of former years.

The supply of good stock is short of demand but poorer stock is plentiful at low figures. Roses are looking better, owing to the cool weather. The best Meteors, Brides, Bridesmaids and Kaiserin are bringing from $3 to $4. Perles $2. Carnations are only fair, supply not large, white being very small. The best in the market are Scotts, which bring $1 per 100.

Sweet peas are very scarce and almost out of the market. Asters too are scarce, in fact they have not been plentiful this season and very few are seen. Hardy hydrangeas are very plentiful now and sell at $3 per 100, the heads being very large and are cut with long stems. Gladioli and tuberose stalks are a glut, price $2 and $3 per 100 stalks. A great many of them are being relegated to the dump pile.

The outlook for better quality of stock in the near future is very promising. Young rose stock is all in fine shape. Carnation and violet fields are also looking in tip top condition.

Notes.

The long looked for convention has come at last and by the time this issue of The Review is in the hands of our readers we will be enjoying the hospitality of our Omaha friends. Our delegation from St. Louis leaves to night (Sunday) in a special car over the Missouri Pacific R. R. and the party numbers 22.

Mr. W. J. Boos, representing Edwards & Docker, Philadelphia, is in town selling cut flower boxes. This is Mr. Boos' first visit to the city since the convention in 1893.

Mr. M. Rice, of Philadelphia, was a visitor for a few days on his way to attend the convention. Mr. Rice is with the St. Louis party.

President-elect Sanders, of the Florists' Club, expects a large attendance at the next meeting of the club and will offer special inducements to bring the members out. Let us see how large an attendance we can bring out to greet the new president; don't fail to attend, as those going to Omaha will have some very interesting stories to tell of their trip.

Bowling Items.

The last bowling before the convention was done last Wednesday night and here are the scores of the team that will represent St. Louis at Omaha:

Names—	1	2	3	Total.	Av.
C. A. Kuehn	199	160	181	540	180
C. C. Sanders	222	166	140	528	176
E. Schray	191	123	148	462	154
J. Kunz	152	161	146	459	153
J. J. Beneke	152	149	144	445	148
C. Beyer	131	152	133	416	138

J. J. B.

HAGERSTOWN, MD.

Mr. Wm. Bester has changed from steam to hot water in five of his houses, using a boiler of immense capacity. His energy and capability are strikingly displayed this season. The roses, of which there are three large houses, are the pink of perfection and promise to surpass in excellence any grown in this community. Mr. James Quinn is his foreman.

In chrysanthemums he is growing varieties that suit the trade, the demand for which is growing more popular here every year. Some of the new early varieties, however, are attempted this year, though past experience is that the later ones sell better. The old and fully tried carnations will be the main crop grown. Of these there will be three houses. In bulbous stuff he is very crowded in the season, for which the demand is often greater than the supply.

Mr. Henry Bester, brother of William, also refitted his houses with hot water this season. His plant is not so large as William's, but has trade for double his present capacity. He grows fine roses and most excellent carnations. Immense quantities of vegetable and bedding stuff are grown. He supplies the rich farming classes surrounding the city. ENOS.

QUICK RESULTS.

The ink on your paper was hardly dry before we got a telegraphic order for the whole stock we advertised. We are now out of stock or would keep the adv. going. Shall have more to offer in the near future. Thanking you very much, we are, yours truly,

McDONALD & STEELE.
Crawfordsville, Ind.

Discontinue my adv. Sold the lot of roses before the Review was cold to a party that telegraphed he would take the whole. Respectfully,

Springfild, Ill. H. L. PHELPS.

NEW YORK.

The Convention.

The convention is the all-absorbing topic at present. Who is there? What are they going to do? Where will the convention be next year? These are some of the questions one hears wherever florists get together. The eastern contingent left in several parties and by several routes; business appointments no doubt caused some to go one way, whilst a desire to get there quickly enticed others.

E. M. Wood and W. J. Stewart, as an advance guard, passed through New York on Friday evening. A party in charge of W. E. Arnold left on the 8:45 p. m. Saturday via New York Central, Michigan Central, and Chicago & North Western. This party consisted of Mr. and Mrs. Chas. Weeber, Mr. and Mrs. A. T. De La Mare, Wm. Nilsson, E. Leuly, Alex Wallace, J. G. Esler. They were to be joined on the way by Mr. and Mrs. Benj. Hammond and daughter, F. P. McGlynn, Mr. and Mrs. W. H. Elliott and son, Jno. Coombs and wife, and L. B. Brague. Mr. Arnold has worked hard for the party and deserves credit for the low rates and special privileges accorded. They will spend Sunday at Niagara Falls and Monday in Chicago, expecting to reach Omaha early Tuesday morning. We had the pleasure of seeing this party off and a jolly brave crowd they were.

It's a long way to Omaha, one needs to own a good deal of horticultural, beg pardon, I mean floricultural, enthusiasm, to venture such a distance and whilst it was scarcely expected that New York would send a large delegation, still we are sorry it wasn't larger and our only pleasure lies in the knowledge that those who had the courage to go will be able to give a good account of themselves. It is to be hoped they will not allow the convention to be held in Manila, next year.

Business Condition.

Business continues to keep its summer level, only every summer seems to get worse. Still, when there is no practical remedy, crying and kicking cannot mend it. During the past week thousands of roses were sold for $2.50 per thousand as they were shipped from the growers. Selected Maids, Brides, and roses of that class, brought from $1 to $4 per hundred, Beauties from $5 to $20; valley from $2 to $3; asparagus, 3 strings for $1; gladiolus, 50 cents to $1; adiantum, 50 cents, Cattleyas, 60 cents; Asters, and soft stock, any price offered.

Bulbs of all kinds, but particularly Harrisiis and freesias, are reported scarce, and it always was so. C. Ammann has planted several of his large greenhouses, at 119th street and 7th avenue, with freezias. Mr. Ammann says they pay as cut flowers and besides that he has an order for a quarter of a million bulbs.

News Notes.

Thomas Young, Jr., is expected home on the Lucania, which sails from Liverpool Aug. 20th. Lieut. William Tiffany, of the Rosary Flower Co., who was with the Rough Riders at the battle of El Caney, and who was stricken with fever at Santiago, is now on his way to New York.

One of Brooklyn's gallant soldier boys, James Weir, Jr., is home on sick leave and is fast recovering from a severe dose of fever. His troop is at present in Porto Rico.

John Young has just returned from a pleasant trip to Newport and the East and is full of praise for the boys of the Hub.

J. H. Troy has returned from a most enjoyable vacation at Aquaga Lake.

D.

WANT ADVERTISEMENTS.

FOR SALE—First class florists' store, oldest in Los Angeles, Cal. Excellent trade, store in heart of city. A snap for any one wishing to make Los Angeles their home. Owner leaving the State. Address C. P. F. Co., 138 South Spring Street, Los Angeles, Cal.

FOR SALE—Three greenhouses and large office in best residence district, in good town of 5,000 population. Six sanitariums, great pleasure resort, no competition. Houses stocked with young roses, carnations, smilax, etc.; fine cut flower trade. Houses all practically new and built of best material; city water, steam heat. Two large city lots, 72 x 132 each. Want to sell at once. Half cash, balance to suit. Will make a bargain if taken at once. Address H. R. Winn, Martinsville, Ind.

FOR SALE—Wilks Hot Water Heater. Size of boiler 16 x 36 inch. In use three years. Address M. & S. Dysinger, Albion, Mich.

SITUATION WANTED—As fireman, hard or soft coal; can do general greenhouse work; handy with tools. Address W. Hall, Somerton, Philadelphia, Pa.

FOR SALE—Six greenhouses (6,000 feet of glass) all in good condition and well stocked; all modern improvements; located in one of the principal cities of Southern Michigan, with population of 4,000. No competition. Have other business. Must sell. Address Michigan, care of Florists' Review.

FOR SALE—Four greenhouses, nearly new. Good retail stand. A. CLAUS, Springfield, Ill.

WANTED—A first class rose and carnation grower to take charge of 8,000 feet of newly constructed rose and carnation house. Terms, half shares for one year. Have good demand and splendid opportunity to grow first class stock. Address Practical, care of Louisville Florists' Supply and Exchange, 520 W. Jefferson Street, Louisville, Ky.

SITUATION WANTED—American gardener and florist, well up, experience in hot house vegetables. Have family. Address Florist, care Florists' Review.

SITUATION WANTED—By single florist, German-American, age 25, 10 years' experience in all branches; good floral worker; sober and trustworthy; salary $45.00 per month. Only responsible parties need answer. References. Address V., care Florists' Review

SITUATION WANTED—By carnation grower, 15 years' experience, 5 years with last employer. Address D., care Florists' Review.

FOR RENT OR SALE. First class retail stand, 5,000 feet of glass. New. In city. Ought to net good man at least $3,00 per day. Must buy stock, about $500.00. Reason for selling, failing health. Address "Illinois," care Florists' Review.

FOR SALE—First class florists' store in Chicago. Excellent trade, established fifteen years. Owner desires to devote his whole time to other business. An unusual opportunity. Address Max, care of Florists' Review.

FOR RENT—To reliable party, the old establishment, consisting of 11 greenhouses, 16,000 feet of glass, newly built; also store. Finest location in Chicago. Cause, poor health. Garfield Park Floral Co., 1688 W. Madison Street, Chicago.

SITUATION WANTED—By expert grower of plants and cut flowers. Competent in every department. Seeks a situation where he may have a chance to make his services worth more than in his present place. Can surely advance his employer's interests if given suitable opportunity. Address S. D., care Florists' Review, Chicago.

FOR SALE—About 3,000 feet 4-inch cast iron greenhouse pipe (in 9-foot lengths) and fittings, also 1,000 lights A glass, 10x12, all in good condition. Make me an offer for the lot, F. O. B. cars here. T. Appleton, Lake Forest, Ill.

....FOR SALE....

5 or 6 FICUS NIDITA, from 4 to 8 feet high, well branched, cheap for cash.

50 CLERODENDRON BALFOURII, 5-inch pots, fine plants, $1.50 per doz.

CHRYSANTHEMUMS, good commercial sorts, 3 to 4-inch pots, $1.00 to $7.00 per 100.

Will Exchange Chrysanthemums for good Forcing Roses.

C. G. NANZ, OWENSBORO, KY.

Mention The Review when you write.

For Sale at a BARGAIN.

GREENHOUSES and NURSERY.

Ten greenhouses, well stocked, thirty-two acres of land, beautifully situated for residences, just outside the city limits. Trolley cars and free mail delivery. About 40,000 maples and evergreens, all fine stock; twelve acres of the land planted to vegetables, for which Trenton is a good market. Possession immediate, for full particulars,

Address—Esl. WM. J. CHINNICK, TRENTON, N. J.

Mention The Review when you write.

SPECIAL until Sept. 1st.

Our **SMILAX** must be planted out or potted up right away. All orders received before Sept 1st will be filled at the nominal price of 75c per 100, $5.00 per 1000, **cash** with order. Bear in mind these are extra strong plants out of 2-inch pots, which makes a great saving in freight compared to 2½-in. pots, and are every way as good.

Order at once and save money.

SOUTH SIDE FLORAL CO., SPRINGFIELD, ILL.

Mention Florists' Review when you write.

Rooted Cuttings of **Ageratum Princess Pauline,** the most distinct and novel variety of dwarf compact habit, color sky blue, most desirable plant for retail trade, per 100, $2.00.

Cyclamen Persicum in four colors, fine plants, 4-in., per 100, $12.50. **Roses** -Souv. de Wootton and Bougere, 4-inch, per 100, $5.00. **Field Grown Carnations,** best varieties. Cash with order.

CHRIST. WINTERICH, - DEFIANCE, OHIO.

Mention Florists' Review when you write.

Seaforthia Elegans.

We have a very fine lot of these in 2½-in. pots, ready to shift) 3 to 4 leaves, stocky and clean, $1.00 per doz., $7.00 per 100. Light packing, lowest express rate.

OAK GROVE NURSERIES, Seven Oaks, Fla.

Mention The Review when you write.

Adiantum Cuneatum.

FINE, HEALTHY PLANTS.

From 3-inch pots, $5.00 per 100.
4-inch pots, $8.00 per 100.

The Bool Floral Co., ITHACA, N. Y.

Mention Florists' Review when you write.

Zirngiebel GIANT PANSIES

Of the market and fancy strains, are still the leading varieties with the Florists' trade. Quality guaranteed. FRESH SEED NOW READY in trade packages at one dollar each.

DENYS ZIRNGIEBEL, - NEEDHAM, MASS.

Mention Florists' Review when you write.

Always mention the Florists' Review when writing advertisers.

CHICAGO.

Club Outing.

The excursion of the Florists' Club to Milwaukee last Thursday proved an exceedingly enjoyable affair. The day was ideal for such a trip and the erratic and uncertain body of water known as Lake Michigan behaved itself admirably. The party of florists and members of their families numbered about 150. All went prepared to have a jolly time and anyone who did not realize his expectations to the fullest extent is yet to be found. But while the Chicagoans were enjoying the delightful ride up the lake on the deck of the Virginia, the Milwaukee people were in considerable distress. They had requested that before the boat left a telegram be sent them telling just how many were in the party. It was duly sent reading, "About one hundred and fifty." When it reached them it read "About ten hundred and fifty," and the Milwaukee boys were not only worried as to how they were to take care of such a party, but wondered how such an enormous number of florists had been got together. They finally had the message repeated back and the error was then discovered, with the result of moving a load of trouble from their minds.

On arriving at Milwaukee the party was taken charge of by a committee of local florists consisting of Messrs. W. H. Ellis, A. Klokner, N. Zweifel, Wm. Edlefsen, F. P. Dilger, G. W. Ringrose, B. Gregory, C. B. Whitnall, C. Hoppenrath, C. C. Pollworth, F. Mender, F. Holton, H. Hunkel. As the boat landed a band was discovered playing a welcoming air on the deck and trolley cars were standing near by ready for the party. After a long and pleasant ride around the city a stop was made at the great Pabst brewery and the party was escorted through some of the departments, including the department where the product is emptied out of glasses into the visitor. Unfortunately the time was too short to see the place thoroughly, and what was seen was so interesting that it whetted the appetite for more. However, each visitor was supplied with a little book containing views of all the various departments.

The ride back to the boat was by a shorter route and soon good-byes were said, the Milwaukee hosts were cheered and the big steamer started on the return trip. The ride back was even pleasanter than the one going. Singing was in order on the return trip and some excellent vocal music was heard from various groups. The universal verdict was that the Milwaukee trip was all right. H. Rohrer and son, Lancaster, Pa.; Peter Schutz and wife, Hammond, Ind., and Geo. Souster and wife, Elgin, Ill., were among the out-of-town florists that were with the party.

(Continued page 308.)

KENNICOTT BROS. CO.

WHOLESALE CUT FLOWERS
AND FLORISTS' SUPPLIES,
88 WABASH AVENUE,
CHICAGO, ILL.

Carnations, Violets and Valley, Specialties.
Full Line of Wire Work.

LONG DISTANCE TELEPHONE
EXPRESS 466.

Bassett & Washburn
88 Wabash Ave., CHICAGO, ILL.
Wholesale Growers of and Dealers in CUT FLOWERS
Greenhouses at Hinsdale, Ill.

E. C. AMLING,
Wholesale Cut Flowers
51 Wabash Avenue,
W. S. HEFFRON, Mgr. .....CHICAGO.

W. E. LYNCH,
...Wholesale Florist...
The right kind of stock, packed in the right way, delivered at the right time, and at the right prices
19-21 Randolph St., CHICAGO.

A. L. RANDALL
Telephone 1496
Wholesale Florist
4 Washington St., Chicago.
In our new and enlarged quarters we are better prepared than ever to handle your orders.

Full Line of Wire Designs and Florists' Supplies
S. B. WINTER
Successor to Winter & Glover
Write for Illustrated Catalogue.
21 Randolph St. CHICAGO.
HIGH GRADE Cut Flowers
Properly Packed and Promptly Forwarded.

WHOLESALE GROWER OF ROSES.
DEALER IN CUT FLOWERS.
J. A. BUDLONG,
37-39 Randolph St.. CHICAGO. ILL.

HOLTON & HUNKEL CO.
Wholesale Florists
And Florists' Supplies.
Phone 874. WIRE DESIGNS—OUR OWN MAKE
457 Milwaukee St.
P. O. Box, 103. Milwaukee, Wis.

WIETOR BROS.
SUCCESSORS TO
Rogers Park Floral Co.
WHOLESALE GROWERS OF Cut Flowers
All telegraph and telephone orders given prompt attention.
51 Wabash Ave. - CHICAGO.
Mention Florists' Review when you write

V.M.&W.
Wholesale Florists,
47 WABASH AVE., CHICAGO.
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A. G. Prince & Company
Telephone .....Main 3208
Agents for..... HINSDALE ROSE CO.
WHOLESALE CUT FLOWERS AND FLORISTS' SUPPLIES
88 and 90 Wabash Ave., - Chicago

C. A. KUEHN WHOLESALE FLORIST
Cut Flowers and Florists' Supplies.
Manufacturer of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.
1122 PINE STREET, ST. LOUIS, MO.

ST. LOUIS CUT FLOWER CO.
Wholesale Florists
E. H. MICHEL
1620 Olive St., St. Louis, Mo.
Mention Florists' Review when you write

JAMES M. KING,
Commission Dealer in
..CUT FLOWERS..
Good Money for your Flowers.
Good Flowers for your Money.
49 West 29th St., NEW YORK.
TELEPHONE 1075 38th St.
Mention The Review when you write.

Bassett & Washburn

WHOLESALE DEALERS AND GROWERS OF CUT FLOWERS, ETC.

WE MAKE A SPECIALTY ALSO OF

FLORISTS' RIBBONS, WIRE WORK AND GENERAL SUPPLIES.

For the coming season we are better prepared to supply the wants of the trade than ever before. We have planted **50,000 American Beauties** in new houses, built especially to grow Beauties. In **Tea Roses** we have **75,000** planted, including **Brides, Kaiserin, Bridesmaids, Meteors** and **Perles.** Our Rose plants never looked better than now.

We have just completed our **new Carnation** house, 600 x 52 feet, and have planted in the benches **30,000** of the new **fancy** varieties, including **Gold Nugget, Pingree, Bradt, Psyche, Painted Lady, White Cloud, Evelina, Mary Wood, Flora Hill, Jubilee, Triumph** and a few **common** varieties, **Dazzle, Armazindy, Daybreak** and **Scott.**

In **Bulb stock** we are the largest growers of **Harrisii Lilies** in the west, having **40,000** now potted up, all Bermuda, no Japanese. **200,000** of the finest **cold storage Valley** now on hand. **100,000 Tulips.** A large quantity of **Von Sions** and **Hyacinths.**

In Greens, we have one house of **3,000 strings of Asparagus,** also **7,000 strings of Smilax.** One house of **Asparagus** devoted to **cut sprays.** A **300 foot house** of **Adiantum,** besides a large quantity of miscellaneous flowers, including **25,000 Chrysanthemums,** all grown to single stems.

Our **cold storage** and **shipping facilities** are the best in the west. We solicit a trial order and make a specialty of **regular shipments,** making the prices and quality an **inducement** for such orders.

BASSETT & WASHBURN,

Store 88 Wabash Ave., CHICAGO. **Greenhouses, Hinsdale, Ill.**

CHICAGO.

Mr. and Mrs. Souster have invited the club to visit Elgin whenever the members can arrange to make the trip.

There is talk of a regular picnic next year at some near-by point.

Various Notes.

A. L. Randall has returned from the Michigan resort where he has been spending his vacation.

A display of orchids recently made by Mr. E. G. Uihlein, of this city, at the weekly exhibition of the Mass. Hort. Society, Boston, was awarded a gratuity prize.

Chas. A. Samuelson and wife are sojourning at Hamlin lake, Ludington, Mich.

Some of the delegates to the Omaha convention reached Chicago early and spent several days here before proceeding onward. Among these were J. L. Dillon, Bloomsburg, Pa.; H. D. Rohrer and son, Lancaster, Pa.; Harry Balsley, Detroit.

H. Schweitzer and Paul Stover, of Mendota, Ill., sent the Chicago delegates an invitation to meet them and have a passing drink with them during the five minutes' stop at Mendota.

Mr. J. A. Budlong started on his fourth bicycle trip on the 10th inst. He writes that he covers on an average of 90 miles a day and expected to reach Cleveland last Saturday.

Messrs. Heim Bros., of Blue Island, Ill., lost about 500 square feet of glass on Monday morning by hail. It also played havoc with outside stuff, ruining their crop of outside carnations, cannas, etc.

Business is picking up. This does not appear to be of a spasmodic nature and keeps up from day to day. Roses sell well and realize from $3 to $4 for good stock. Carnations are very scarce, owing to so many storms of late, which ruined a great deal of outside stock.

Bowling.

Following are the scores and averages made at the alleys last Friday evening:

	1st.	2nd.	3d.	4th.	5th.	Av.
G. L. Grant	174	197	116	169	123	155
E. F. Winterson	164	167	103	178	137	149
G. Stollery	147	147	122	155	141	142
F. Hills	115	108	154	159	162	140
F. Stollery	129	110	135	122	105	120
A. L. Vaughan	111	100	113	109	120	110
W. Kirkham	100	97	95	84	94	94

TORONTO.

In my last week's notes, in the second paragraph concerning the annual fee of the G. & F. Association, I am made to say, "the fee is only $1.00 a year more." It should be, "the fee is only $1.00 a year now," which makes all the difference. I suppose either the "devil" or my bad writing is to blame.

We have had no rain worth mentioning yet here, although the surrounding country was favored with

(Continued page 310.)

GREEN-HOUSE CONSTRUCTION.

This has been a specialty with us for many years and to us is due the credit for many of the great improvements that have been made in the construction of wooden green-houses. To those that buy our

Clear Cypress Building Material

we furnish, free of cost, complete detail drawings from which any intelligent workman can put up the material correctly. We have plenty of time to write letters ABOUT OUR BUSINESS, and we will be glad to hear from those contemplating building.

Write for Circulars or Estimates.

LOCKLAND LUMBER CO.
LOCKLAND, OHIO.

Kraft's Plant Tonic... 99%

KILLS Scale, Mealy Bug and other Insect Pests, as well as imparting beauty and vigor to the plant

Will Kill the Mite that causes the Harrisii Disease

A trial of a 25-cent bottle will convince you that a really remarkable insecticide has been discovered. Send for circular.

Kraft Plant Tonic Co. — Rockford, Ill.

J. M. THORBURN & CO.
Late of 15 John Street, Have
REMOVED TO 36 CORTLANDT STREET, NEW YORK.
CATALOGUE OF BULBS AND CHOICE FLOWER SEEDS for Florists now ready and mailed free on application.

Cineraria AND Calceolaria
James Giant Strain,
Per trade pkt., $1.00. Per ½ trade pkt., 50 cents
STUMPP & WALTER CO.
50 Barclay St. NEW YORK.
Mention Florists' Review when you write.

Sphagnum Moss
A very select quality, 75c per bale, 10 bales $6.00.....Grown and packed by
M. I. LYONS, - Babcock, Wis.
Write for prices on car lots.
Mention Florists' Review when you write.

Always Mention the....
Florists' Review
When Writing Advertisers.

Phoenix Rupicola.
A Fine Parcel of Fresh Seeds ust arrived in excellent condition from the purest source n Asia, per 1000 seeds, 15s.
HOMER PRICE & CO.,
14 Castle Street, Long Acre. LONDON, W. C.
Mention The Review when you write.

BEST FLORIST CANNAS, quality and prices to suit. Fast Freight, Express or Mail.
Canna "Florida" for trial, 10c.
Asparagus Sprengerii Seed } 100, $1.00
Fresh from the vines.... } 1000, 8.00
PAMPAS GROVE NURSERIES,
GREENLAND P. O., FLORIDA.
Mention Florists' Review when you write.

DREER'S SPECIAL OFFER OF

ARECA LUTESCENS.

We offer a fine lot of clean, thrifty plants of this graceful and popular variety.

Inch Pots.	Height, Inches.		Per Doz.	Per 100.
3			$ 1 25	$ 10 00
6	Very bushy	28 to 30	12 00	100 00
			Each.	Per Doz.
8	Very bushy	36 to 42	$ 2 50	$ 30 00
8	Very bushy	42 to 48	3 00	36 00
9	Hvy. single plants	48 to 60	6 00	.....

COCOS WEDDELIANA.

Our stock of this useful Palm is unusually large. Note reduction in price.

	Per Doz.	Per 100.	Per 1000.
2¼-inch pots, 4 to 5 inches high	$1 25	$10 00	$ 90 00
3 -inch pots, 8 to 10 inches high	2 00	15 00	140 00

KENTIAS.

Our stock of Kentias occupies over one and a half acres of glass, the largest block of these most useful Palms in the world. Medium sizes are generally scarce this season.

KENTIA BELMOREANA.

Inch Pots	Leaves.	Height, Inches.		Per Doz.	Per 100.	Per 1000.
3	4 to 5	10 to 12		$ 3 00	$25 00	$225 00
4	5 to 6	15 to 18		6 00	50 00	450 00
				Each.	Dozen.	
5	5 to 6	22 to 24		$ 1 00	$12 00	
6	6	24 to 26		1 25	15 00	
8	6	30 to 36		2 50	30 00	
8	6	36 to 42		3 00	36 00	
9	6 to 7	42 to 48		4 00		
9	6 to 7		48	5 00		
9	6 to 7	48 to 54		6 00		
9	6 to 7		54	7 50		
10	6 to 7		54	10 00		
10	6 to 7	60 to 72		15 00		
12	7 to 8	7 to 8	feet	35 00 to 50 00		

KENTIA BELMOREANA. Made-up Plants

This class of stock is very fine and has met with much favor with many of our best and most critical eastern trade the past winter.

5-inch pots, center plant about 24 inches high, with 3 smaller plants around it; each $1 25
7-inch pots, center plant about 32 inches high, with 3 smaller plants around it; each 2 50
8-inch pots, 4 plants in a pot, center plant about 30 inches high, others about 18 inches high; each 3 50
9-inch pots, 4 plants in a pot, center plant about 36 inches high, others about 20 inches high; each 5 00
10-inch pots, 4 plants in a pot, center plant 3½ to 4 feet high, others about 36 inches; each 7 50
10-inch pots, 4 plants in a pot, center plant about 4 feet high, others about 2½ feet, very heavy; each ..10 00
11-inch pots, 4 plants in a pot, center plant 4½ to 5 feet high, others about 3 feet, grand specimens; each 12 50

KENTIA FORSTERIANA.

Inch Pots.	Leaves.	Height, Inches.		Per Doz.	Per 100.
2¼	2 to 3	6		$ 1 50	$12 00
3	3 to 4	12		2 50	20 00
4	4 to 5	15 to 18		5 00	40 00
5		18 to 20		9 00	75 00
				Each.	Dozen.
6		24 to 28		$ 1 00	$12 00
7		36		2 00	24 00
8		42		3 00	
8		42 to 48		3 50	
9		48 to 52		6 00	
9		52 to 60		7 50	
10		72		10 00	
12		72 to 84		25 00	
14 (in tubs)		7 to 8	feet	35 00 to 50 00	
16		10	feet	75 00 to 100 00	

KENTIA FORSTERIANA. Made-up Plants.

7-inch pots, 4 plants in a pot, center plant 36 to 42 inches high, others about 18 inches; each $2 00
8-inch pots, 3 plants of equal height, about 42 inches high; each 3 00
9-inch pots, 3 plants of equal height, from 42 to 48 inches high; each 4 00
10-inch pots, 4 plants in a pot, center plant 5 feet high, others 2 feet high; each 10 00
12-inch pots, 5 plants in a pot, center plant 6 feet high, others 2½ feet high; each 25 00

PHOENIX RUPICOLA.

The most graceful of all. We offer a fine lot in 6-inch pots, characterizing very nicely, with 6 leaves, 20 to 24 inches high; $1.50 each; $18.00 per dozen.

Stronger plants in 6-inch pots, 24 to 30 inches high, 6 to 7 leaves, $2.00 each.

Also a fine lot of young plants in 2¼-inch pots, $1.00 per dozen; $8.00 per 100.

LATANIA BORBONICA.

Our stock of Latanias in small sizes is again in excellent condition, especially the 2, 3 and 4-inch pots.

2-inch pots, 3 to 4 leaves, 60 cents per dozen; **$4.00 per 100;** $35.00 per 1000.
3-inch pots, 4 to 5 leaves, beginning to show character, $1.25 per dozen; $10.00 per 100; $80.00 per 1000.
4-inch pots, 4 to 5 leaves, an excellent lot of plants of exceptional value, $3.00 per dozen; $25.00 per 100; $225.00 per 1000.

Inch Pots.	Leaves.	Height, Inches.		Per Doz.	Per 100.
5	4 to 5	18		$ 5 00	$40 00
6	5 to 6	18 to 20		9 00	75 00
7		24		12 00	100 00
				Each.	Dozen.
7	6 to 7	26 to 30		$ 1 25	$15 00
8	6 to 7	28 to 30		1 50	18 00
8	7	36		2 50	30 00
10	7 to 8	36		4 00	48 00

The largest sizes are not all perfect, the lower foliage being somewhat clipped, but are good, salable plants that will give entire satisfaction.

For a Complete List of other PALMS AND DECORATIVE STOCK see our current Wholesale Catalogue.

HENRY A. DREER, 714 Chestnut St., Philadelphia, Pa.

TORONTO.

heavy thunder showers last week (too heavy in some localities). The drought is getting very serious for those who cannot use the hose, and even for those who can, for after all the hose does not take the place of rain; it just keeps things going. Leaves are falling off the trees as if it were fall.

I much regretted being unable to attend the cricket match last Wednesday, having been out of town on that day. Every one who was there, however, says that they spent a most enjoyable afternoon. The match was between "Tom Manton's team" and "George Manton's team" (these two gentlemen having picked their players from those present), and was duly reported in next morning's paper. George Manton's team won.

Mrs. Manton, aged 83, crossed the Atlantic to see her two boys and arrived in this city safe, sound and hearty as a "two-year-old" last week. She thought the people in this country generally very skinny looking, but was very pleased to shake hands with John Chambers, as he was the first comfortable looking man she had come across. John carries considerable adipose tissue about with him.

I am sorry I have been unable to report concerning the various florists' places round here lately, having been so busy at home on account of the dry weather, but I hope to be able to get round to most of them during this and next month.

Matters concerning the convention of the Canadian Horticultural Association will be discussed at the first meeting of the season of the G. & F. Association, on Tuesday next, and all arrangements completed. The convention meets September 7th for two days.

The Industrial Exhibition will be open from August 29th to September 10th. The last week is always the best. E.

MILWAUKEE.

About 150 florists and their families came upon the steamer Virginia Thursday afternoon and were taken in tow at the Milwaukee end by some of the leading Milwaukee florists. Upon arrival of the steamer the band played "There'll be a hot time" and it proved such considering the short time spent in the city. The boat arrived at 2:30 and shortly after all visitors were put on special chartered cars and given a trolley ride around the city accompanied by the band. The party wound up at the Pabst Brewery and managed to leave there in time to catch the boat returning at 4:30. A visit to one of the parks was also contemplated but the attractions at the brewery seemed to take up all the allotted time for the entire visit. Chas. McKellar and Chas. Balluf neatly executed the latest cake walk down

(Continued page 312)

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ROSES- American Beauty, Bride, Bridesmaid, Perle, La France, Testout, Morgan, Niphetos, Kaiserin, 3 and 4-inch. ..... **ASPARAGUS PLUMOSUS,** all sizes. **MARIE LOUISE VIOLETS,** young plants, well rooted.
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Fresh crop **Giants.** Pure white, rose, red, white with pink eye, rose with red eye. Per 100 seeds, 75c, in separate colors. Mixed, per 100 seeds, 65c. Cyclamen **BULBS** of above sorts, 2 to 3 inches diameter, **separate,** dozen, $1.00.

Roman Hyacinths, white, 12-15, per 100, $1.80, per 1000, $18.00. Roman Hyacinths, white, 13-15, per 100, $2.25; per 1000, $20.00.

Selected bulbs Freesia Refracta, per 1.00, **delivery included,** $3.50; 250 bulbs at 1000 rate 5 per cent. discount for cash.

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COCOS WEDDELIANA,
KENTIA BELMOREANA,
LATANIA BORBONICA.
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Well Grown, Leafy Plants.
5-inch pans, $1.50 each, $18.00 per dozen.
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enable us to supply any quantity. We grow our own stock and when you order from us you will get strictly fresh goods.

WE ARE HEADQUARTERS FOR AMERICAN BEAUTIES and can supply you when you cannot obtain them elsewhere. We shall this season cut from 50,000 plants. We have also increased the space devoted to MAIDS, BRIDES and METEORS, and are now cutting a fine lot of Kaiserin.

WE SHALL HAVE AN EXTRA LARGE SUPPLY OF HIGH GRADE CARNATIONS THE COMING SEASON AND CAN PLEASE YOU IN THIS LINE. Regular Shipping Orders will have special attention.

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ROSES

Maids, Brides, Perles and Meteors, in 4-in. pots, $8.00 per 100. Kaiserin, Perles, Meteors, Maids and Brides, in 3-inch pots, $6.00 per 100.

VIOLETS, Marie Louise, in 2½-in. pots, $3.00 per 100. BEGONIA REX, in 4-in. pots, $20.00 per 100. All of the stock is in fine, healthy condition.

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3-inch pots, $8.00 per 100; 4-inch pots, $12.00 per 100.

METEOR, SUNSET, BON SILENE, PERLE, KAISERIN,
BELLE SIEBRECHT, ANNE HOSTE, BRIDE,
3-inch pots, $7.00 per 100; 4-inch pots, $10.00 per 100.

Mention The Review when you write. J. L. DILLON, BLOOMSBURG, PA.

Rose Plants.

Brides, 3½-inch..... $4.50 per 100
Bridesmaids, 3½-inch.. 3.50 "
Meteors, 3½-inch..... 3.50 "

Healthy, vigorous plants; grown for our own use. May be returned at our expense if not satisfactory.

BURLINGAME, CALIFORNIA.

BRANT & NOE—Gentlemen: Rose Plants arrived in splendid condition. Yours truly, E. H. McCLELLAND.

BRANT & NOE, FOREST GLEN, ILL.

JOHN THE PANSY MAN

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FRESH SEED NOW READY.

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JOHN BEIMFORD, Wilton Junction, Ia.

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MILWAUKEE.

the midway of the brewery. The local florists who took charge of the Chicago party were: Wm. Edlefsen, A. Klokner, Nic. Zweifel, F. Menger, F. P. Dilger, Wm. Schmidt, C. B. Whitnall, Geo. Ringrose, Holton & Hunkel, Ellis & Pollworth.

Among the Chicago party were the Reinberg Bros., G. L. Grant, J. C. Vaughan, Billy Lynch, Ed. Winterson, C. W. McKellar, A. McAdams, Edgar Sanders, E. C. Amling, A. G. Prince, John Zeck, Phil. Hauswirth and wife, Miss Kreitling, John Muno, Adam Zender, Mat. Evert, John Becker and many others. Mr. Klehm, of the Klehm Nursery, had a home made prescription to be used in case of sea sickness for the party but as the weather was calm and there being no use for it it was left with the Milwaukee florists. It was not analysed but it appeared to have about the same effect on the florists as that claimed for Jadoo on plants.

A very pleasant outing it was for the Chicagoans and it is hoped that it will be repeated next season, making a little longer stay.

Mr. J. M. Dunlop took unto himself a wife Aug. 8th.

Otto Sylvester is building four new greenhouses each 18x70. GEO. W.

CLEVELAND.

Good stock is rather scarce, roses selling at from $3 to $6 per 100; carnations, select, $1.00; asters, 50 cents to $1.00; gladiolus, 75 cents to $1.00; helianthus, 50 cents per dozen; heliopsis, 15 to 25 cents per dozen. Japan lilies have been selling remarkably well, there being an unusually heavy demand with a fair crop; $3 for short stem and $5 to $6 for long stems are the prices obtained.

Funeral work was more plentiful this week than last.

Visitors.

Miss Emma E. Venen, of Conneaut, Ohio, showed her smiling face in Cleveland. Miss Venen is always a welcome visitor. She usually has a pleasant time and a kind word for all the boys. Miss Venen takes a special interest in the chrysanthemum. Her first inquiry was, What kind of mums are you growing? She greatly admires Dailledouze and thinks it a fine variety.

Richard Vincent, of White Marsh, Md., Peter Smith, Esq., of New Philadelphia, Ohio, and Frank Dreher dropped in on their way to Omaha.

O. A. C. O.

NOTE OUR department devoted to the retail florist. In this department will appear weekly the very latest regarding the arrangement of flowers in the leading New York stores, with handsome illustrations of arrangements that may prove useful suggestions to our readers.

Roses and Jadoo Fibre.

"**** I experimented with Jadoo on two sections of a Rose bench, one planted with American Beauties, the other Bridesmaid, and the results simply surpassed my anticipations, the Jadoo in a few days being full of roots."

REUBEN ASTLEY,
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The American Jadoo Co.,

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The MODEL Extension Carnation Support....

Also Wire Rose Stakes.

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MR. THERON PARKER Brooklyn, N.Y. Dear Sir:—I have tested your latest Model Carnation Support, and am free to say that I consider it the best wire carnation support that I have ever seen. It is quickly and easily applied, and I think will prove very durable, and you certainly deserve great credit for the invention.
Very truly yours,
C. W. WARD.

FLATBUSH, BROOKLYN, N. Y., Feb. 18, '97.
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Dear Sir:—Your wire stake is certainly a gem. Without hesitating we endorse it as an up-to-date Carnation Support. Yours truly,
DAILLEDOUZE BROS.

W. HOBOKEN, N. J., Feb. 18, '97.
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Yours truly, E. ASMUS.

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American Beauties and Meteors we shall be Headquarters

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WRITE FOR SPECIAL QUOTATIONS ON LARGE ORDERS.

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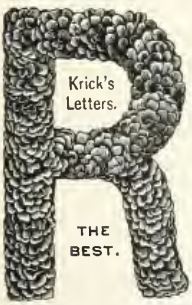

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3-inch pots.. .. ..$3.00 per 100
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DUST, $2.50 per 1 0 lbs. Bags, 125 lbs. Bbls., 400 lbs.

Sole Agent Syracuse Flower Pots, Rubber Hose, Florists' Fibre Vases.

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34 named varieties, 2-inch pots, per 100		$8.00
34 " " rooted cuttings, "		4.00
Mixed Rex, rooted cuttings, "		2.00
" 2-inch pots "		4.00

Write for prices on other stock.
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Named Rex Begonias, 3 of each kind in each 100.

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TOMATOES AS A PROFITABLE CROP.

Tomatoes can be made a very profitable crop by early planting, liberal use of the knife, and a little training, and at the same time make a very ornamental plant for the vegetable garden. I sow seed early in March, keep close to the glass and never allow the plants to get stunted. Plant out as soon as all danger from frost is past from 4-inch pots, placing three feet apart each way. Secure to stakes at once. I use torch poles, which are about five feet high and can be bought for about one cent each. About three weeks after planting I place other poles, one on each side of the plants, making them one foot apart, then I take two shoots as low down as I can get them, one on each side of the main shoot, and tie to the poles, then I cut out all side shoots, keeping them to three upright stems. In cases where the leaves become crowded I cut away part of the leaves to let in light and sun. The result is I get large clusters of fruit every ten inches.

I began to cut from my plants the 7th of July, cutting 1½ lbs. Aug. 1 I cut 150 lbs., and I calculate to cut from my 216 plants not less than one and a half tons of tomatoes this season. The greater part will be cut during this month or before the field crop comes in.

I have today sent you samples of fruit. I have cut several weighing over one pound each, but the general run is from 8 ounces up to 20.

W. RAYNER.

Elmhurst, Ill.

[Accompanying the above communication was a basket of remarkably large and handsome tomatoes. One of the largest weighed a pound and three ounces, and the average was about one pound. The fruit was smooth and round, and the flavor equal to any. The editor's wife says Mr. Rayner can submit such evidence of his skill as often as he desires.—ED.]

YPSILANTI, MICH.—On the station grounds of the Michigan Central R. R. here is a representation in plants of the battleship "Maine." It is one-sixth the size of the original, being 53 feet long and 10 feet wide. The plants used are Nepeta glechoma, Alternanthera spathulata, Echeveria secunda glauca, Echeveria metallica, Alternanthera paronychioides major, Sedum variegatum. John Laidlaw is the gardener.

SPRINGFIELD, ILL.—Mr. and Mrs. George Hansen have removed to Litchfield, where Mr. Hansen will engage in the florist business.

ST. JOHNS, MICH.—The Knapp Bros. have added new glass that doubles the capacity of their plant.

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Dreer's Exhibition of Decorative Plants

Will be found in the Exhibition Hall at the **FLORISTS' CONVENTION**, Omaha, Neb., August 16 to 19, inclusive, 1898. This exhibition will be an unusually interesting display of **PALMS, FERNS, ARAUCARIAS, &c.**, complete and comprehensive, showing the quality, varieties and sizes which we grow in large quantities at our Riverton Nurseries.

Our representatives will be in attendance and pleased to show stocks, furnish prices and give all information desired.

Visitors to the Trans-Mississippi and International Exposition should not fail to see our exhibit of **AQUATIC PLANTS** in the specially prepared ponds on the grounds.

DREER'S QUARTERLY WHOLESALE PRICE LIST should be received regularly by every Florist. If it does not reach you, kindly advise us.

HENRY A. DREER, 714 CHESTNUT STREET, PHILADELPHIA, PA.

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Roses and.... Chrysanthemums

STOCK THAT WILL GIVE YOU SATISFACTION.

Brides, Maids, Meteors, 3-in., $4.00 per 100; $35.00 per 1000. 4-in., $5.50 per 100.
Beauties, 3-in., $5.00 per 100; $45.00 per 1000.
Beauties, 4-in., $6.50 per 100.
Chrysanthemums. — 2½-inch stock, of Lady Fitzwigram, Glory de Pacific, Bergmann, Robinson, Bonnaffon, Modesto, Perrin, Viviand-Morel, Maud Dean, Maud Adams, Emil and Gretchen Buettner, Yellow Jones, D. Spaulding, Lottie Berry, Marion Henderson, Crawford, Snowball, Defender, Mayflower, Thanksgiving, Whithers, Morton, Irene Woodford, Murdock, Golden Trophy, M. M. Johnson, Sunderbruch, Merry Monarch, Marquis de Mortmont, at **$3.00** per 100.
No more Rooted Cuttings.

POEHLMANN BROS.
MORTON GROVE, COOK COUNTY, ILL.
Mention The Review when you write.

GRAND COLLECTION

Orchids

For.... FLORISTS' USE,

Comprising Cattleyas, Laelias, Dendrobiums, Vandas, Odontoglossums, Cœlogyne Cristata and Cristata Maxima, Cypripediums, Etc.
Price list on application.

WM. MATHEWS,
West View Greenhouses, UTICA, N. Y.
Mention Florists' Review when you write.

....WILL EXCHANGE

500 Smilax, extra fine	2½-inch pots.
2 0 Cyperus Alternifolius	2½ "
2 0 Begonia Vernon	2½ "
250 Vinca, green and variegated	2½ "

All are Good Plants. Will exchange for Small Palms. Samples sent.

L. H. STAFFORD, - MARQUETTE, MICH.
Mention Florists' Review when you write.

Smilax Plants. Extra Strong.

2½-inch, strong bushy plants, nearly ready for shift, $1.00 per 100; $8.00 per 1000. Samples, by mail, 10 cts. Cash with order, please. Write for prices on large lots.

Will Exchange some for small Adiantums, Asparagus Plants, or any good stock.

Celery, WHITE PLUME, transplanted, fine, $2.00 per 100

R. KILBOURN,
CLINTON, N. Y.
Mention Florists' Review when you write.

That Klondike Coleus.

Rooted Cuttings now ready		$1.50 per 100.
Asparagus Plumosus	2½-inch,	5.00 "
Asparagus Sprengerii	2½ "	6.00 "
Cyperus (Umbrella Plant)	2½ "	2.50 "
Cyperus " "	3 "	3.00 "
Cyperus " "	6 "	2.00 per doz.
Ferns, assorted	5 and 6 "	2.50 "
Rubbers	6 "	5.00 "
Grevillea Robusta, strong	2½ "	5.00 "
Adiantum Cuneatum, fine, 5 and 6-inch		$2.00 and 2.50 "
Nephrolepis, Boston Fern, fine, 9-in.		1.00 each.
Geraniums, S. A. Nutt, 2½-inch		2.00 per 100.
Mad. Bruant, 2½-inch		3.00 "
50 other varieties, standard and new,		$2.00 to 6.00 "

Cash, please. **CARL HAGENBURGER,**
Stock A No. 1. **W. MENTOR, OHIO.**
Mention The Review when you write.

Maplewood Cut Flower and Plant Co.

To those who need **FRESH CUT FLOWERS** in the West Give us your regular order and we will please you. We have the largest plant west of Chicago.

GEO. M. KELLOGG, Pres.,
PLEASANT HILL, MO.
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Field Grown Carnations

READY SEPTEMBER 1st. FINE HEAVY PLANTS.

	Per 100		Per 100
NEW YORK, deep cerise pink	$10.00	EMPRESS, crimson	12.00
WHITE CLOUD, white	12.00	MRS. G. M. BRADT, variegated	9.00
BON TON, scarlet	10.00	C. A. DANA, silvery pink	8.00
MRS. JAS. DEAN, silvery pink	12.00	MAYOR PINGREE, yellow	8.00
GOLD NUGGET, yellow	12.00	VICTOR, deep pink	8.00
JNO. YOUNG, snow white	10.00	FLORA HILL, white	8.00
MRS. F. JOOST, pink	10.00	WM. SCOTT, pink	6.00
ARGYLE, deep cerise	12.00		

Kentia Belmoreana 6-inch pots, 24 to 28 inches high, 6 to 7 leaves, $15.00 to $24.00 per doz.; 5-inch pots, 20 to 24 inches high, 5 to 6 leaves, $12.00 per doz.

Kentia Forsteriana 6-inch pots, 24 to 30 inches high, 5 to 6 leaves, $12.00 to $18.00 per doz.; 5-inch pots, 20 to 24 inches high, 4 to 5 leaves, $9.00 to $12.00 per doz.

Aspidium Tensemensii We will have a fine stock of this very hardy fern, in 3-in. pots, suitable for fern dish centers. This is one of the best plants for that purpose, as it is hardy and enduring and gives general satisfaction.

THE COTTAGE GARDENS, QUEENS, N. Y.

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Florists' Supply and Exchange

Wholesale Florists and dealers in Florists' Supplies

Special facilities for shipping south. Unequaled returns for good stock. Open night and day.

520 W. Jefferson St., Louisville, Ky.

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CINCINNATI CUT FLOWER CO.

SUCCESSORS TO

H. L. SUNDERBRUCH CO.

Wholesale Commission Florists

4th and Walnut Sts., CINCINNATI, Ohio.

Consignments Solicited. Special attention given to Shipping Orders.

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To be used in taking orders. Sets $1.75 and up. Purchasers' selections at list prices.

Floral Art Catalogue....

Complete and practical for customers use. 96 arrangements, illustrated and priced. Priced Lists on application.

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50,000 Extra Strong Smilax Plants

Out of 2½-in. pots, $1.25 per 100; $10 per 1000. Cash with order. Address

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FINE CYCAS REVOLUTA STEMS

Sizes, 3 to 6 Lbs. 10 Cents Per lb.

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122 W. 25th St., NEW YORK CITY.

Manufacturers of and Dealers in WIRE DESIGNS

FLORISTS' SUPPLIES

Mention Florists' Review when you write.

Live Sphagnum Moss For Orchids, etc., $1.25 per bbl.

Sphagnum Moss First quality, 85c per bale, 10 bales $6.00.

Peat $1.20 per bale, quality A No. 1.

Z. K. JEWETT & CO.,

SPARTA, - - WISCONSIN.

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INSURE AGAINST IN THE FIRE

Florists' Mutual

Fire Insurance Ass'n.

ADDRESS W. J. VESEY, Sec'y, FORT WAYNE, IND.

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PANSIES Worth Raising.

New and Reliable Seed, of our well known variety.

3-16 oz.... $1.00 1 oz.... $4.00 Cash with order

C. SOLTAU & CO.,

199 Grant Ave., JERSEY CITY, N. J.

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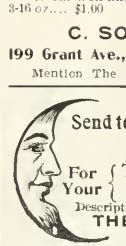

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For Your { Trees, Shrubs, Vines, and Small Fruits.

Descriptive Illustrated Catalogue Free.

THE WM. H. MOON CO., Morrisville, Pa.

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Nursery Seed Florists' **Catalogues**

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Mention The Review when you write.

CARNATIONS.

H. WEBER & SONS, - OAKLAND, MD.

Mention Florists' Review when you write.

Always mention the Florists' Review when writing advertisers.

NOW READY

50,000 EXTRA FINE... FIELD GROWN CARNATIONS

WHITE.	Per 100.		Per 100.		Per 100.
Uncle John, extra fine	$5.00	Jubilee, fine scarlet	$5.00	Tidal Wave, carmine pink	$5.00
Flora Hill	8.00	Daybreak, light pink	5.00	Bridesmaid, fine pink	5.00
Alaska	5.00	W. Scott, standard pink	5.00	Triumph, fine large pink	6.00
Ivory	5.00	Rose Queen, bright rose pink	5.00	C. A. Dana, new pink	6.00
Storm King	5.00	Nancy Hanks, light pink	5.00		

Also a fine stock of the following NEW FERNS:

Nephrolepis Cordata Compacta, 3-inch	$1.50 per dozen,	$12.00 per 100
Boston Fern, strong, 3-inch	1.00 "	8.00 "
Nephrolepis Davalliioides Furcans, 3-inch	2.00 "	15.00 "
FICUS ELASTICA BELGICA, extra fine, 4-inch	3.00 "	25.00 "

Terms: Cash with order or satisfactory references.

FOREST CITY GREENHOUSES. Address H. W. BUCKBEE, ROCKFORD, ILL.

CINCINNATI.

The Market.

Trade remains very quiet, but no worse than usual for the month of August. Shipping trade is at a standstill and even the fakirs have quit the business. As usual it is the funeral work that produces what little demand there is, consequently business remains in the same rut as for the last few weeks.

Roses are becoming more plentiful with a slight improvement in quality, two cents is the ruling price although good Kaiserin and Meteor bring a better figure. Carnations are quite scarce, but just now we can do without them very well. Asters sell fairly well at $1 per 100, but very few good ones are to be had. The best ones being sent to this market are from a Michigan grower.

Notes.

As was announced previous to our annual outing this year the committee in charge proposed to make a present to the one selling the largest number of tickets. Benj. George proved to be the fortunate man and on last Saturday morning chairman Jones presented him with a handsome gold ticker. Ben is proud of the watch and said he would now be able to get to town on time.

A movement is on foot to get up a float representing the florist business for the G. A. R. street parade. The boys all think favorably of the idea and it is sure to be a go.

Rumor has it that a new wholesale house will open here this fall. It would be conducted by one of our largest rose growers.

Mrs. Conway has opened a new retail store on Central avenue near Everett street.

J. A. Peterson and wife are spending a few weeks at Put-in-Bay.

Recent callers: John Lodder, Hamilton, O., and M. Rice, Philadelphia.

B.

ISHPEMING, MICH.—The Ishpeming Floral Co. are adding a new rose house to their plant.

Carnations! Carnations!!

OUR STOCK SURPASSES THAT OF ALL PREVIOUS YEARS.

COOL CLIMATE has made our plants vigorous and a light soil that produces many fibrous roots gives us

IDEAL FIELD CARNATION PLANTS.

REMEMBER Plants with many roots stand shipment well, and send for complete list of the best NEW and standard varieties.

GEO. HANCOCK & SON, GRAND HAVEN, MICHIGAN.

Mention The Review when you write.

Kentucky Stock!

FREE to ALL.

Our Illustrated Catalogue of ROSES, PLANTS, SEEDS, BULBS and ROOTS, GRAPEVINES, SHRUBS, ETC., will be mailed FREE to all applicants. It will pay to examine it. 60 greenhouses. Goods guaranteed to be first-quality. Established 1850.

NANZ & NEUNER, Florists
Louisville, Ky.

	Per 100
Fuchsias, single in assortment, 2-in.	$3.00
" double " "	3.50
Hibiscus, single and double, 2-in.	3.00
" in assortment, 3-in.	5.00
Jessamine Grandiflora, 2½-in.	3.00
" Grand Duke, 4-in.	8.00
" Maid of Orleans, 3-in.	5.00
" " 4-in.	8.00
Rhynchospermum Jasminoides, 2-in.	3.00
" " 4-in.	8.00
Bouvardias Double Flavescens, 2-in.	
" The Bride, 2-in.	3.00
" Vreelandi, 2-in.	
" Pres. Cleveland, 2-in.	
" Rosea Multiflora, 2-in.	

Also a fine stock of Field Grown Roses and Carnations.

PRICES ON APPLICATION. ADDRESS

NANZ & NEUNER, - LOUISVILLE, KY.

Mention The Review when you write.

CARNATIONS -- Pingree, Armazindy and Triumph, field grown. Ready now, write for prices.

ROSES -- Brides, Belle Siebrecht and Meteors in 3-inch pots. Maids, Brides and Beauties in 2½-inch pots.

SMILAX, in 3-inch pots, $3.00 per 100.

Send 50c or $1.00 for samples and prices to

GEO. A. KUHL, Pekin, Ill.

CHINESE PRIMROSE

15,000 single, mixed colors, 2 and 2½-in. pots, $2.00 per 100. Cinerarias, 2-inch pots. September 1st, $2.00 per 100.

Pansy Seed. ½ oz., $2.00; oz., $3.50. Plants Sept. 20th, $3.50 per 1000.

JOS. H. CUNNINGHAM, DELAWARE, OHIO.

Field Grown Carnation Plants..

Stock Ready September 1st.

A good season has put our Field Grown Stock for Fall Planting in excellent condition, clean, healthy and strong.

The condition of our ground is such to insure the lifting of a plant with little or no loss of roots. Send for Price List.

F. DORNER & SONS CO.,

LaFAYETTE, IND.

Mention Florists' Review when you write.

WM. C. SMITH,

Wholesale Florist,

After September 15th, will be located at **1604 Ludlow St., Philadelphia, Pa.**

My business the past season has outgrown the old quarters, 40 S. 16th St., compelling removal to the above new address, where I will have greatly improved facilities, having four times the room, and all on the first floor. My stock of CHOICE CUT FLOWERS will be largely increased by the addition of new consignors and will be second to none in this city.

High Grade.... Middle Grade.... Low Grade....

FLOWERS

To suit all the requirements of the business....

FIRST CLASS **BEAUTIES, TEA ROSES and CARNATIONS** MY SPECIALTY

QUOTATIONS CHEERFULLY FURNISHED. CONSIGNMENTS OF GOOD STOCK SOLICITED.

LONG DISTANCE 'PHONE.

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1,000,000 Peach Trees

grown on the bank of Lake Erie, two miles from any peach orchards and guaranteed free from Scale, Borers, Yellows, etc. Large stock of Pear, Plum, Cherry, Quince and immense supply of Small Fruit plants. Headquarters for Ornamental Trees and Shrubs. A quarter of a million of

LOW BUDDED ROSES

32 Greenhouses filled with Roses, Palms, Araucarias, Ficus, Dracenas, Pandanus, etc. Will have immense stocks of best Holland Bulbs for fall. 45th year. 1000 acres. Correspondence and personal inspection solicited.

THE STORRS & HARRISON CO.,
Box 31, Painesville, Ohio.

Mention The Review when you write.

SURPLUS STOCK.

100 Chinese Primroses, assorted, 3-inch		$3.00
50 " " "	4 "	5.00
100 Dracaena Indivisa, 2-inch		3.00
100 " " "	3 "	4.00
50 Grevillea Robusta, 2 "		3.00
100 " " "	3 "	4.00
300 Ferns, Pteris Serrulata Cristata, 2-inch		3.00

All the above are fine, thrifty stock and ready for a shift. Cash with order.

Danville, Ky. S. M. HARBISON.

Always Mention the....
Florists' Review
When Writing Advertisers.

....CO-OPERATION....

If you are in the trade and are not yet a subscriber to the FLORISTS' REVIEW, send in your name and one dollar now and you will receive not only the FLORISTS' REVIEW for one year, but also a certificate entitling you to the earnings on one dollar's worth of stock in the Florists' Publishing Company.

Why do we make such an unparalleled offer? It is very simple.

You will have an interest in the success of the paper.

You will see that you can buy everything that you want to just as good advantage from advertisers in the FLORISTS' REVIEW as elsewhere and at the same time benefit yourself by increasing the earning power of your certificate.

This mutual arrangement cannot fail to bring to the paper a heavy advertising patronage, and as a result the stock represented by your certificate will earn good dividends. And the more you buy of advertisers in the FLORISTS' REVIEW (always mentioning the paper), the larger your dividends will be.

You get the best paper in the field and a share of its earnings.

Send in your subscription now.

FLORISTS' PUBLISHING COMPANY,

520-535 Caxton Building, ...CHICAGO, ILL.

Burpee's Seeds Grow

Always mention the Florists' Review when writing advertisers.

Are You Going to Build or Repair?

YOU WILL NEED SOME OF THIS MATERIAL

MASTICA, durable, adhesive, elastic, $1.00 per gallon can.
LIQUID PUTTY, made expressly for greenhouse work, 25-lb. can, $1.50.
VAN RYPER GLAZING POINTS, best glazing point on the market, per 1000, 60c.; by mail, 75c.
SCOLLAY'S PUTTY BULB, to apply Mastica or Liquid Putty, 85c. each.
MASTICA GLAZING MACHINE, to apply Mastica, $1.00 each.
STEEL ROLLER GLASS CUTTERS, 15c. each.

Florists' Supplies, Wire Work, Bulbs, Palms and Ferns.

SMILAX PLANTS, 3-inch, $2.00 per 100.

ELLIS & POLLWORTH, 137 ONEIDA ST., MILWAUKEE, WIS.

A FINE NEW PETUNIA.

For the past two years I have had on trial a petunia originating with Mr. A. B. Howard, Belchertown, Mass., evidently of the Inimitable strain, and I consider it one of the best of recent introduction for bedding or basket work.

The flower is large, single, with a body color of a rich deep velvety maroon. From the center start the rays of a five-pointed star, widening half way up the petal, where it tapers off to a point at the margin. This star is a pinkish white in the center, shading into a deep pink at the side margins, where it blends into the maroon.

Not only is it a most profuse bloomer, but it invariably produces the star. I understand that Mr. Howard will place it upon the market next spring. Any florist desiring stock for basket work or bedding will not miss it by giving this petunia a trial.

W. C. EGAN.

KRAFT'S PLANT TONIC.

The manufacturers of this new insecticide report very large and continually increasing sales. The discovery that it would kill the mite that causes the Harrisii disease gave sales a great impetus, and a host of growers are using it on their bulbs as a preventive. Some of the Bermuda growers of the Harrisii are trying it and hope to eradicate the disease in their fields. That it is proving useful to the nurserymen is shown by the fact that a trial of a gallon by one large nursery firm was soon followed by an order for a full barrel.

MONTGOMERY, ALA.

W. B. Paterson, of Rosemont Gardens, has bought the Highland Park greenhouses, with stock, store fixtures, good will, etc. This gives him 25,000 feet of glass and a fine trade in a progressive town of 40,000 people.

G. E. Suffman, lately manager of Highland Park greenhouses, is not now connected with either of the above places.

COMPTON, R. I.—W. H. Tarbox is making a specialty of dahlias and asters, and his dahlias are a splendid sight.

MICHELL'S Seeds

ARE THE BEST.

PRIZE STRAINS OF

Cineraria, Primula, Giant Pansy, Calceolaria, Stocks and Mignonette Seed ARE NOW READY.

ONE TRADE PACKET OF EACH OF THE ABOVE, Six Packets in all for $3.00.

1018 Market Street, = = Philadelphia, Pa.

Mention The Review when you write.

V. M. & W.

WHOLESALE FLORISTS,

47 Wabash Ave. CHICAGO.

Mention The Review when you write.

ROSES

OWN ROOTS.
DORMANT.
FIELD GROWN.

For FALL of 1898 and SPRING of 1899.
GROWN AT BILOXI, MISS.

No. 1, 2 to 4 feet, cut back to 2 feet. Hybrid Perpetuals, Mosses, Hardy Climbers, Yellow Rambler, Crimson Rambler, Marechal Neil, Wichuraiana, etc.

These Plants are very strong and well shaped. Prices on application. Address

W. F. HEIKES, Manager,
1308-1310 Unity Bldg. CHICAGO, ILL.

Mention The Review when you write.

SMILAX.

Fine stock, ready to run soon as planted, wintersown and several times headed back 2½-inch pots, $2.50 per 100.

Bougainvillea G. Sanderiana, 3-in. pots, $1.50 per doz., $10.00 per 100.

Roses, Bride and Bridesmaid, 3½-in. pots, $5.00 per 100.

Cyperus Alternifolius, 2½-in. pots, $2.50 per 100.

Grevillea Robusta, 2¼-in. pots, $2.50 per 100.

NATHAN SMITH & SON, Adrian, Mich.

Mention The Review when you write.

H. Bayersdorfer & Co.

PHILADELPHIA.

Largest Distributors of....

Florists' Supplies

IN THE UNITED STATES.

Our Basket Line....
SURPASSES ALL OUR PREVIOUS SELECTIONS. TO BE UP WITH THE LEADERS YOU SHOULD SEND FOR SAMPLE LINE.

Wheat Sheaves....
CONTINUE TO BE OUR SPECIAL FEATURE WHICH NONE CAN DISPUTE.

Metallic Designs....
IN MANY STYLES AND PRICES.

Cape Flowers....
ONLY IMPORTER HAVING NEW CROP. LARGE AND WHITE.

China Ferneries and Jardinieres
EXCELL ANYTHING EVER PRODUCED IN THE WAY OF ORNAMENTATION AND DESIGN.

Everything....

NEW AND ....SPICY

....For Fall Trade....

Catalogue on Application. Wholesale Only.

REMEMBER....
Everything we have are specialties.

H. Bayersdorfer & Co.

50 to 56 North 4th Street, PHILADELPHIA, PA.

IF YOU WANT A STOCK OF THE

Genuine BOSTON FERN

Nephrolepis Exaltata Bostoniensis

SEND IN YOUR ORDERS.

ONLY 4 cents each by the 1,000, 5 cents each by the 100.

EXTRA FINE PLANTS, 10 cents and 15 cents.

W. H. ELLIOTT, - Brighton, Mass.

P. J. BERCKMANS CO.

Fruitland Nurseries, - - - Augusta, Ga.

	Per 100	Per 1000
Everbearing Peach—a remarkable novelty, 4 to 5 feet, $2.50 per ten	$20.00	
Ligustrum Amurense—best evergreen hedge plant	2.50	$20.00
Gardenia Florida, 8 to 10 inches, branched	8.00	70.00
Biota Aurea Nana—best of all dwarf Biotas, 8 to 10 inches	10.00	80.00
" " " 12 to 15 "	12.00	100.00
Roses—strong, field grown, own roots	10.00	75.00
" " " budded	12.00	100.00
Oranges—grafted upon Citrus Trifoliata, bushy, 4-inch pots, 10 to 12 inches	20.00	
Oranges—grafted upon Citrus Trifoliata, 4-inch pots, 15 to 18 inches	30.00	

	Per 100	Per 1000
Bougainvillea Sanderiana, 3-inch pots, strong plants	$8.00	
Selaginella Emiliana, 4-inch pots, strong plants	8.00	
Kentia Belmoreana, 4 " 12 inches	25.00	
Kentia Forsteriana, 4 " 12 to 15 inches	25.00	
Latania Borbonica, 1 to 2 characterized leaves, 4-inch pots, 12 to 15 inches	15.00	125.00
Latania Borbonica, 2 to 3 characterized leaves, 4-inch pots, 15 to 18 inches	20.00	150.00
Phoenix Reclinata, 4-inch pots, 12 to 15 inches	15.00	
" " (stocky), 5-inch pots, 15 to 18 inches	25.00	

Send for trade list giving prices on other stock, such as PALMS, CROTONS, CAMELLIAS, CONIFERS, TREES, VINES, etc.

CLEMATIS!

(Rooted Cuttings)

BY MAIL PREPAID.

	Per 100	Per 1000
Jackmanii (purple), Mme. Edouard Andre (red), Duchess of Edinburgh (double white)	$4.00	
Henryi (white), Lawsoniana (lavender), Ramona (blue), and many other sorts in a great variety of shades	3.50	$30.00
Assortment, including 20 per cent. Jackmanii	3.50	30.00

We also have all the above sorts in 2-Year Plants, price $2.50 per doz., $20.00 per 100, $175.00 per 1000.

W. S. LITTLE & CO.

Commercial Nurseries, ROCHESTER, N. Y.

Mention The Review when you write.

FIELD GROWN

THE FINEST COLLECTION IN AMERICA!

Hardy Roses

BUDDED AND OWN ROOTS

ELLWANGER & BARRY,

Mount Hope Nurseries. ....Rochester, N. Y.

Mention The Review when you write.

GOOD SMILAX, 12½c per string, full length, (express prepaid.) Cash with order, please. Orders promptly filled.

HENRY C. SCHWIEMANN, Wholesale Grower. Box 26, Danvers, Ill.

Always Mention the.... Florists' Review When Writing Advertisers.

PEACE and QUIET reign supreme when you place your orders with us.

OUR STOCK OF

Florists' Supplies

IS SECOND TO NONE.

Wheat Sheavs, (Famous and Unparalleled.)

Sago or Cycas Leaves, Prepared IMMORTELLES.

Artificial and Wax Flowers and Leaves,

Doves, Baskets, Pot Covers, Pedestals, Etc.

OUR NEW FALL CATALOGUE ready about September 15th, 1898.
Write for quotations. Orders executed promptly by telegraph, telephone or mail, with as much care as if you selected the goods personally.

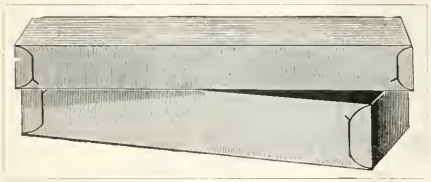
Importers and **M. RICE & CO.** Manufacturers

25 N. 4th St.... **Philadelphia, Pa.**

FLOWER BOXES.

TO THE TRADE

We wish to call especial attention to Consumers of this class of Boxes, as they have given universal satisfaction and admitted by our customers stock used in these boxes superior to other manufacturers. If you use them once you will have no other.



We are now booking orders for Fall delivery, which will be shipped promptly as specified. We now carry in stock thirty-three sizes of Flower Boxes. These boxes are put up in packages of 100 each size, with the exception of numbers 1 to 6, inclusive. These are put up in packages of 50 each.

Prices named in this list are net, delivered, and include printing of your card in one color of ink. When ordering 1,000 or more of the different sizes to be shipped at once we will allow a discount from list price.

In ordering by wire designate sizes by letters and numbers.

Awaiting your order, we are, Respectfully yours,

THE DAYTON PAPER NOVELTY CO.,

DAYTON, OHIO.

EXTRA HEAVY BOXES FOR SHIPPING.

	Size.	Price per 100		Size.	Price per 100
A	3 x 16 x 4	$2.00	M	4 x 18 x 8	3.30
B	3 x 12 x 5	1.60	N	4 x 21 x 8	3.60
C	3 x 15 x 5	1.90	O	4 x 24 x 8	3.90
D	3 x 18 x 5	2.10	P	4 x 28 x 8	5.00
E	3½ x 24 x 5	3.10	Q	5 x 36 x 6	5.70
F	3½ x 12 x 6	2.00	R	5 x 21 x 8	3.90
G	3½ x 15 x 6	2.50	S	5 x 24 x 8	4.25
H	3½ x 18 x 6	2.70	T	5 x 28 x 8	5.50
I	3½ x 15 x 7	2.70	U	5 x 36 x 8	6.50
J	3½ x 18 x 7	2.95	V	6 x 30 x 12	8.30
K	3½ x 21 x 7	3.20	W	6 x 36 x 14	10.00
L	4 x 15 x 8	2.95			

FLORAL DESIGN BOXES.

	Size.	Price per 100		Size.	Price per 100
1	5 x 23 x 12	$6.25	4	6 x 24 x 20	11.60
2	6 x 20 x 16	8.85	5	7 x 26 x 17	12.00
3	6 x 20 x 20	10.00	6	6 x 20 x 18	9.25

The last five sizes are Full Telescope.

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7 2¼ x 6½ x 3¼	$1.35
8 3½ x 8 x 4	1.50
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Palms, Ferns, Pandanus, Ficus, Dracænas, Araucarias, &c.

has never been as fine as the present, and we believe it would be worth your while to see our stock and compare it with others before purchasing. Drop us a postal card, or telephone, and our carriage will meet you.

NOTICE! We shall not publish a Fall Catalogue or Price List. We would suggest, and also advise, that any one in this line of business should **see the STOCK** before purchasing and compare same. Plants cannot be sold by yard or height. Height or size of pot never makes the plant. Catalogues and Price Lists we consider as the best method by which to keep your name before the public, but when stocking up for Fall and Winter trade, the best way is to see the stock, either by a **visit** or **sample.** Our stock is the finest today in America, and to sell by catalogue description would not be doing **JUSTICE** to the same, as it is cool grown, not drawn, and in fine shape, compact and bushy and well colored, and will stand well wherever placed. We extend this invitation so you may be able to judge for yourselves.

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Or, if you prefer to take a sail up Long Island Sound to Glen Island and visit one of the grandest Summer Resorts in America, Little Germany and Botanical Collection, our carriage will meet you at the wharf. Boats leave foot of Cortlandt Street, East 32d Street, and Brooklyn.

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Marie Louise, from 3-inch pots, $3.00 per 100, $25.00 per 1000.
L. Campbell, from field, ready for Fall planting, per 100, $3.00.
Princesse de Galles, per 100, $5.00; per 1000, $40.00
California, per 100, $3.00; per 1000, $25.00.
La France, per 100, $8.00.
Mlle. de Chatenay, per 100, $5.00.
Mlle. de Bruneau, " 5.00.
The White Czar, " 3.00.
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All from field. Delivered from August 15th. All healthy plants. Cash with order.

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Rulea Hægeana, $5.00 per 100. 20 other varieties, $3.00 per 100. **Rex,** 3 to 4-inch pots, 10 varieties, $4.00 to $7.00 per 100.

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30,000 Pansy Plants in Bud. Mitting's Giant Flowering Pansy Plants in bud, 60c per 100, $5.00 per 1,000.

Roses. One year old. Outside of Brides, Bridesmaids and Meteors, only $3.00 per 100. Gaiura Aurantiaca, velvet plant, a big seller, 2½-inch, 60c per doz., $3.00 per 100.

Flowering Begonias. Ten finest varieties named, 2½-inch, $3.00 per 100.

Asparagus Plumosus and A. Sprengerii. A. Plumosus, 4-inch, never been cut, $1.50 per dozen. A. Sprengerii, 4-inch, never been cut, $1.50 per doz.

Coleus. Coleus stock plants, 10 good varieties, at rate of $5.00 per 100. GIVE US A TRIAL ORDER from above and we will treat you white as snow.

Carnation -- Gold Perle. Seedling 1896. Gold Perle is a seedling between a cream seedling from E. G. Hill and Buttercup. We have given it two years' trial and find it improves right along; color, a pure yellow with not a streak of any other color; foliage stiff and yellow, of a heavy bluish cast; stem stiff, about 18 inches long, bloom about 2½ to 3 inches. There is nothing of its color on the market or has ever been introduced. We are now booking orders to be filled in rotation. Stock limited and not more than 100 plants will be sold to one man or firm. No discount on prices named. $1.50 per doz., $10.00 per 100.

Geraniums. We shall have about 50,000 rooted cuttings of Geraniums, all up-to-date kinds. Or we will book your order now for October delivery at $15.00 per 1,000.

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Geo. Wittbold,

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If you want any goods in our line we can give the very best of satisfaction in every respect. We want your future trade and know a trial order will make you a regular customer for whatever of our goods you may need. We hope to be favored with a trial order. Satisfactory references or cash must accompany all orders from parties with whom we are not acquainted. Following is a list of the stock we offer. It is in excellent condition and we are confident we can please you, both as to quality and price.

PALMS.

Measurements—top of pot to top of tallest leaf.

VARIETIES.	Size Pot.	Height Inches.	Char'tr Leaves.	PRICE. Each.	Per doz.
Areca Lutescens	5-in.	18-20	10-15	$0.50	
"	6-in.	25-30	15-20	.75	$ 9.00
Cocos Weddeliana	3-in.	5- 6	4- 5	.20	2.00
" strong	3-in.	8-12	5- 6	.25	3.00
Kentia Belmoreana	5-in.	16-18	4- 5	.75	7.20
"	6-in.	21-24	5- 6	1.25	15.00
Kentia Forsteriana	5-in.	16-18	3- 4	.75	7.20
"	8-in.	40-45	5- 6	3.00	36.00
Latania Borbonica	3-in.	8-10	1- 0	.15	1.50
"	4-in.	12-15	2- 3	.25	3.00
"	5-in.	12-15	3- 4	.50	5.00
"	6-in.	15-18	4- 6	.75	9.00
"	7-in.	18-20	6- 8	1.00	12.00
"	8-in.	30-35	6-10	2.50	30.00
Phoenix Reclinata	4-in.	12-15		.25	3.00
"	5-in.	15-18	2- 3	.50	5.00
Phoenix Canariensis	6-in.	18-20	7-10	.75	9.00

MISCELLANEOUS.

	Height Inches.		PRICE. Each.	Dozen.
Araucaria Excelsa, 6-in. pots,	18-22	4-5 tiers,	$2.00	$24.00
" 7-in. "	30-36	5-6 "	3.00	36.00
Cyperus Alternifolius, 4-in. pots, nice plants				1.00
Pandanus Utilus, 3-in. " "				1.50
" 4-in. " "				3.00
" 5-in. " "				5.00
" 6-in. " "				9.00
Ficus Elastica, 4-in. " "				3.00
" 5-in. " "				5.00
" 6-in. " "				9.00
" 9-in. " "				24.00
Asparagus Plumosus Nanus, 3-in. pots, nice plants				1.00
" " 4-in. " "				1.50
Dracaena Fragrans, 4-in. pots, nice plants				3.00
" 5-in. " "				5.00
Anthericum Variegatum, 3-in. pots, nice plants				1.00
Selaginella Emeleana, 3-in. " "				.75
" 4-in. " "				1.50
Selaginella Martensii, 3-in. " "				.75
" 4-in. " "				1.50

Special...

We offer this season a large and fine lot of . . .

Cycas Revoluta....

We offer plants from 50 cents to $15.00 each, and can recommend them as good values.

FERNS.

VARIETIES.	Size Pot.	PRICE. Doz.	Per 100
Adiantum Cuneatum	2-in.	$0.50	$4.00
"	3-in.	1.00	8.00
"	4-in.	1.50	12.00
Adiantum Pubescens	2-in.	.50	4.00
"	3-in.	1.00	8.00
Nephrolepis Exaltata	4-in.	1.50	12.00
"	5-in.	2.00	16.00
"	6-in.	4.00	30.00
Nephrolepis Bostoniensis	5-in.	3.00	25.00
"	6-in.	5.00	40.00
"	10-in.	30.00	
Nephrolepis Davallioides Furcans	8-in.	12.00	
Lomaria Gibba	3-in.	1.00	8.00
Pteris Adiantifolia	2-in.	.50	4.00
Pteris Cretica albo-lineata	2-in.	.50	4.00
Cyrtomium Falcatum	3-in.	1.00	8.00

The above Ferns are in fine condition and will give good satisfaction.

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are unsurpassed, as all the large Express Companies make two calls at our place each day, and we also have easy access to all railroad lines running into Chicago.

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Hardy, Stocky and Perfect in every respect.

PALMS, Etc.

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Areca Lutescens. Many sizes, from strong, young plants, at $6.00 per 100, to elegant specimens. An especially fine stock of strong, bushy plants, from 8-in. pots, at $1.25, $1.50, $2.00 and $2.50; 9-in. at $3.00; 10-in. at $5.00, $6.00 and $7.50; 12-in. at $10.00, $12.00 and $15.00 each.

Latania Borbonica. 2 and 3-in. pots, at $4.00; 3-in. (very strong), at $10.00 per 100; 4-in. at 25c. 6-in. at 50c and 75c, 8-in. at $1.50 and $2.00 each.

Kentias Belmoreana and Forsteriana. 3-inch pots at 25c, 4-in. at 50c, 6-in. at $1.00, $1.25 and $1.50, 8-in. at $2.00, $2.50 and $3.00 each.

Cocos Weddeliana. 2 and 3-in. pots at $10.00, 3-in. at $15.00 per 100; 4-in., several plants in a pot, very bushy, at 50c each.

Livistona Rotundifolia. 4-in. pots at 50c, extra strong at 75c each.

Pandanus Veitchii. 6-in. pots at $1.00 and $1.50 each.

Pandanus Utilis. 4-in. pots at 25c, 6-in. at 50c and 75c, 8-in. at $1.25 each.

Ficus Elastica. 6-in. at 50c and 75c each.

Ficus Elastica Var. 6-in. at 75c and $1.00 each.

Dracaena Sanderiana. strong, 3-in. pots at 30c each.

Phoenix Reclinata, P. Rupicola, etc.

Price Lists, giving measurements, etc., on application.

CHAS. D. BALL, Holmesburg, Philadelphia, Pa.

THE STAMP TAX.

Following we give extracts from condensed rulings of the Treasury Department upon a host of matters submitted to it for decision. We think we have included all that are of special interest to our readers:

No stamp is required on ordinary receipts.

An inland bill of exchange, within the meaning of this act, is a bill of exchange drawn and made payable anywhere in the United States.

Any order for payment of money drawn in, but payable out of, the United States, if drawn singly, is subject to tax of 4 cents for $100 or less, and for each additional hundred dollars or fraction, 4 cents.

Where certificates of shares were sold and delivered before July 1, 1898, entry of transfer on corporate books after June 30 does not require stamp.

New certificates of stock issued to holder in lieu of original certificate, and remaining in his ownership, do not require stamps.

When certificate of stock is sold and stamp tax is paid on memorandum thereof, upon transfer of this certificate to purchaser's name, no additional tax for such transfer is required. Where one certificate represents several shares of stock (however large the number of shares), on transfer of this certificate the stamp tax is to be reckoned on its face value, and not on the face value of each separate share of stock which it represents.

A 2-cent stamp is required on an order for cash drawn on a merchant by one of his customers.

Certificates of deposit drawing interest, if left a certain time, are taxable the same as promissory notes.

The withdrawal of funds by a depositor on the presentation of his bank book to the savings bank does not require a stamp, if there is nothing accompanying it in the form of an order for the payment of money.

If papers in the nature of receipts are given in lieu of checks, and are used as commercial negotiable instruments, they are checks and not receipts, and are subject to tax.

Where certificates of stock are delivered as collateral, the stock to be forfeited only upon condition of failure to pay the debt for which it is pledged, a stamp is required as a pledge and not as a sale.

Real estate mortgage notes require to be stamped, in addition to the stamps placed on the mortgage.

Where there is a pledge of property accompanying any promissory note, which pledge is subject to stamp tax under Schedule A, this stamp tax must be paid, notwithstanding the fact that a stamp is also required on the note connected with it.

Only purely co-operative or mutual fire insurance companies carried on by the members thereof solely for the protection of their own

(Continued page 330)

NEW CLIMBING ROSE.

ROYAL CLUSTER

A Hardy, White Climbing Cluster Rose, of strong, vigorous habit. (Hermosa and Dawson.) Parent plant has borne enormous clusters of Double White Roses, slightly tinted with rose when breaking. Altogether a distinct and remarkably fine Rose.

Strong Plants, from 2½-inch pots, $6.00 per hundred.
Strong Plants, " 3-inch " 10.00 "
Ready for delivery after January 1, 1899. ORDER NOW.

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Terms 90 days to customers of approved credit; otherwise, cash with order.
Prices on all other Bulbs and Roots cheerfully given.

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IT IS QUICK DEATH to the little mite that causes the disease and does absolutely no injury to the tissues of the bulb. This has been conclusively proven by experiments at Lincoln Park, Chicago.

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KRAFT'S PLANT TONIC

99% Non-Poisonous and Perfectly Safe

THE TONIC also kills Hard Shelled Scale, Mealy Bug, and other insect pests without injury to the plant. A trial of a 25-cent bottle will convince you that a really remarkable insecticide has been discovered.

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ROCKFORD, ILLINOIS.

HAMMOND'S SLUG SHOT KILLS Sow Bugs, Etc.

THE STAMP TAX.

property, and not for profit, are exempted from taxation.

Assessment beneficiary life insurance associations insuring their own members, and not for profit, come within the exempting provision.

The exemption given to fraternal beneficiary life insurance associations applies also to fraternal beneficiary accident insurance associations.

In cases of loans on real estate, where promissory notes are given, which are not paid at maturity, but on which an extension of time of payment is granted, without the taking of a new note, it is held that every such extension is a renewal of the note within the meaning of the statute, and that the requisite stamp must be affixed for every such renewal or extension. This also applies to notes discounted before July 1, falling due on or after that date.

The person who signs and issues a bank check, without affixing the proper stamp, becomes involved in liability to penalties under section 10 of the act, unless it is shown that he had no design to evade the payment of the stamp tax, and that the requisite stamp was affixed and canceled by the bank or person upon whom it was drawn, before payment.

Where a check is presented at a bank, without having the requisite stamp affixed, the bank, if it pays such unstamped check, becomes liable to the penalty provided by section 10 of the act. Bank may cure defect by affixing proper stamp.

Where a tax of 10 cents is paid on the bill of lading for goods exported, it is held that no stamp tax is required to be paid on copies of such bills of lading.

On inland bills of lading, "each duplicate" requires "a stamp of the value of one cent."

Bills of lading for exportations by railroad to British North America require a 10-cent stamp.

A wharf receipt given to a shipper, in exchange for which a bill of lading is issued, does not require a stamp.

Baggage forwarded by railroad company or express, subject to extra charges, comes within the law requiring stamp on bill of lading, or other evidence of receipt and forwarding.

It is the duty of carriers to issue a bill of lading or receipt for goods accepted by them for shipment, and to affix the stamp, and a penalty is prescribed for failure to do so.

Stamp duties imposed on manifests, bills of lading, and passage tickets do not apply to steamboats or other vessels plying between the ports of the United States and ports in British North America.

A telegraphic dispatch or message is required to be stamped by the person who makes, signs, or issues it.

Dray receipt given at export steamer's wharf does not require a stamp in addition to bills of lading which are stamped. Shipping receipts given by common carriers of freight for goods to be transported to port of export require stamp.

Bonds "required in legal proceedings" are exempt from stamp tax. They are such as are required in litigation in either civil or criminal cases, such as prosecution bonds, injunction bonds, bonds to stay proceedings, bonds upon appeal, writs of error, bonds for costs and the like; and in criminal cases, recognizances, bonds for appearance, bail bonds, and also bonds in criminal cases upon appeal and writs of error, supersedeas bonds, etc.

Bonds given by persons appointed by the court, conditioned for the faithful performance of the duties of their office or position, such as receivers, assignees, executors, administrators, and guardians are not exempt, and the stamp tax must be paid thereon.

Tickets, which are on the face merely memoranda of money due (e. g., John Doe, June 25, 1898, $15), and do not contain any language making them checks or orders for the payment of money or promissory notes, are not subject to tax, unless received and paid at bank the same as checks.

(Continued page 332)

$50.00 in Prizes!

The Florists' Review offers the above amount for a description of some really valuable and practical labor or money-saving unpatented device or method of culture of benefit to florists, that has not yet been published. If a drawing is needed to make the matter plain, it may be of the roughest character.

The awards will be made entirely on the practical value of the device or method, though a well worded description and intelligible drawing will be desirable.

First Prize, $25.00
Second Prize, $15.00
Third Prize, $10.00

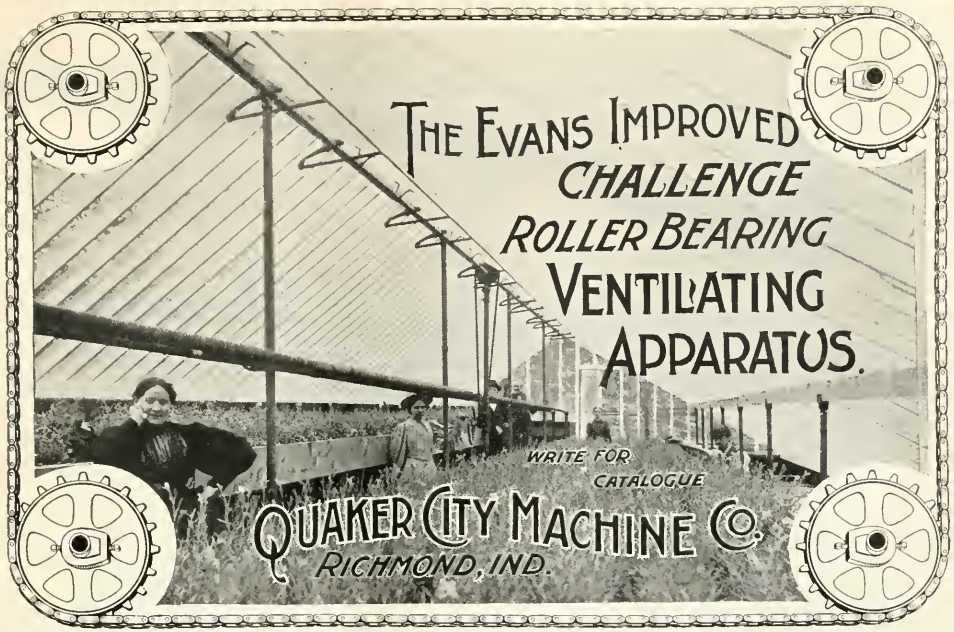
If you know of some useful labor or money-saving device or method of culture of which a description has not yet been published, you can easily win one of these prizes, and if you know several such you may be able to win them all.

Make your descriptions as brief as is consistent with clearness. Remember that simple devices are more generally useful than elaborate ones. What are wanted are those that will prove most valuable to the great mass of the readers of the Florists' Review. Competition open to all.

The prize-winning descriptions (and drawings, if any), will be published in the Florists' Review. And should others seem worthy of publication they will also be given space as opportunity offers.

Address

Editor Florists' Review,
520-535 Caxton Bldg., CHICAGO.



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CAN PROFITABLY HANDLE OUR PACKAGES OF PLANT FOOD. ATTRACTIVE, TAKE LITTLE SHELF ROOM. VALUABLE BOOKLET FREE. GOOD PROFITS.

The Walker Fertilizer Co., Clifton Springs, N. Y.

Mention The Review when you write.

THE STAMP TAX.

The exemption granted to co-operative building and loan associations, etc., is confined to the stock and bonds issued by the associations therein mentioned, and, therefore, does not relieve them from other stamp taxes.

"Certificates of any description required by law not otherwise specified in this act, ten cents." The first requirement necessary to subject any given certificate thus generally described to tax is that it shall be one which is required to be given by law, national, State, or municipal. All such are taxable, except those coming within the exemption of section 17, that is to say, those which are given strictly in the exercise of the functions—governmental, taxing, or municipal—of the State or corporation.

Certificates given by an officer, not for a public or governmental purpose, but for private interests and use, are liable to the tax if they are given in obedience to any law which requires them to be given when called for.

Certificates of acknowledgment of deeds and mortgages are not required to be stamped. The memorandum on the back of a deed or mortgage, made by the register or recorder, that the instrument has been placed upon record, is not a subject of taxation. It is not a certificate such as is contemplated by the law. It is a brief note on the back of the deed or mortgage citing date of filing and date and place of record.

Certificates of birth, marriage, and death, given in pursuance of the laws of the State requiring the collection and registration of vital statistics as a basis for the administration of public health laws, come within the exemption of section 17. Such certificates, however, when issued to private persons for private use, are subject to the 10-cent stamp tax.

The ordinary notary's jurat is not required to be stamped.

A policy does not require a stamp until it is issued, or is offered as an insurance policy, and an insurance company can stamp a policy through its local agents as well as through its general agent.

Any agent of the company who is charged with the duty of delivering the policy to the policy holder and receiving the premium, would be authorized to affix and cancel the stamp in behalf of the company.

A stamp must be attached to premium notes as well as to policies.

Deeds signed, acknowledged, and fully executed in June do not require stamps, though delivered in July, unless, by State law, registration is necessary to pass title.

As to mortgages, it is the general principle that a mortgage is not valid as such until it is admitted to registration. A mortgage, no matter what the date, should not be admitted to registration when presented on or after July 1, 1898, unless there is attached and canceled the proper revenue stamp.

In cases where the consideration in a deed is nominal, the actual value of the property conveyed should govern the amount of the stamp required.

Original lease requires a stamp. No stamp is required on copy executed by the parties at the time of the original lease.

Contracts and agreements between subscribers and telephone companies for the placing of a telephone, and payment therefor, are not subject to stamp tax.

(Continued page 334)

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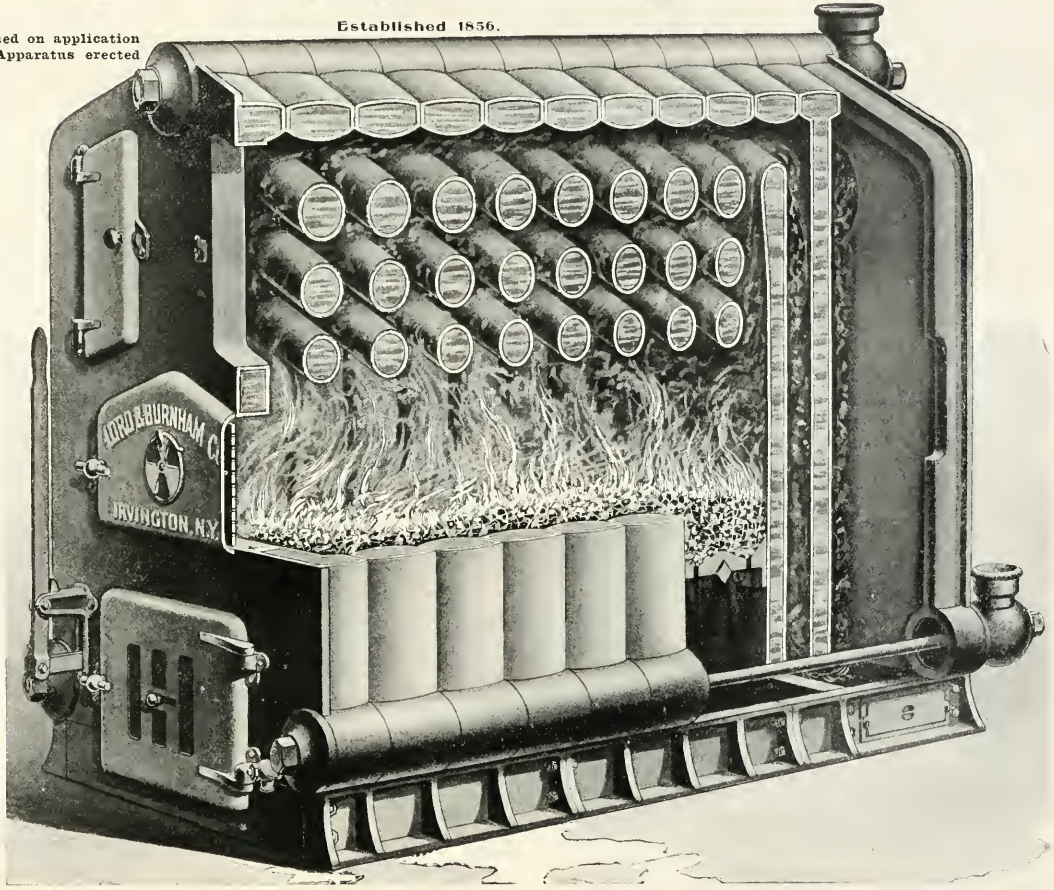

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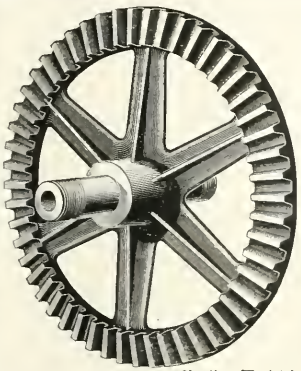

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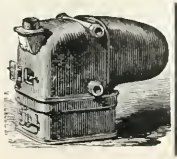

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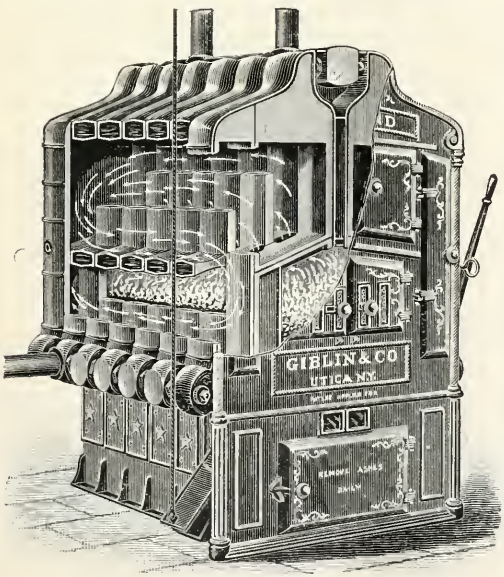

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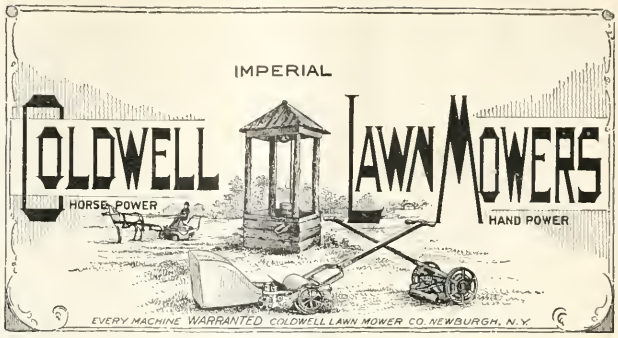

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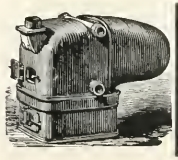

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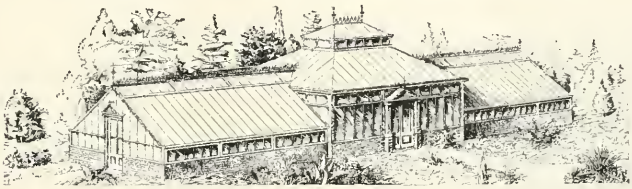

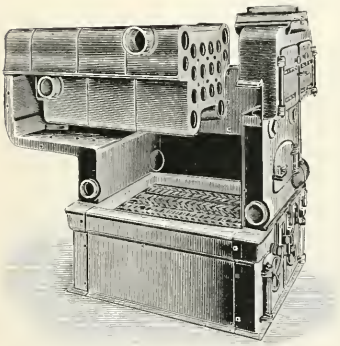

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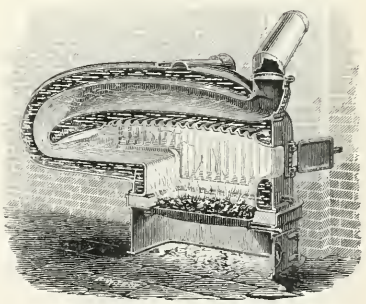

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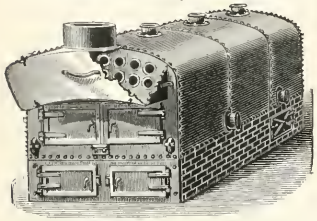

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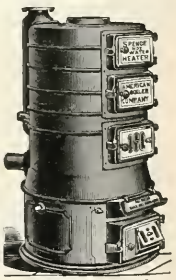

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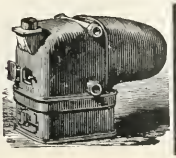

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Vol. II. CHICAGO AND NEW YORK, AUGUST 25, 1898. No. 39.

ECHOES OF THE CONVENTION.

Those returning from Omaha are unanimous in reporting a satisfactory meeting and a splendid entertainment by the Omaha florists.

Visit to Council Bluffs.

The entertainment provided by Mr. J. F. Wilcox, of Council Bluffs, at his own expense, Thursday afternoon, was one of the most enjoyable of the convention. No less than 265 people participated, the party being provided with special trolley cars for the trip to Council Bluffs, five miles from Omaha. After a pleasant ride over the long bridge that spans the Missouri river and through the fields of sunflowers that fill the valley on the other side Council Bluffs was reached and the cars crept up a steep incline past handsome residences and beautiful lawns till a sudden turn was made into a cut through one of the bluffs and at the end of the cut Fairmount Park was discovered. The cut through which the cars passed must have been 30 to 40 feet deep and the walls were almost perpendicular but there was not the slightest evidence of the soil having washed down a particle. The soil of these bluffs seems peculiarly tenacious and is as permanent as rock. In places houses were perched at the edge of a cut in a way that seemed exceedingly dangerous to people familiar with the way soil caves off from such cuts in their own states.

In the park roads wind around among the hills, and foot paths invite to more difficult ascents, some of which seem almost impossible to the residents of less hilly sections. Mr. Wilcox had provided conveyances for the ladies and the gentlemen did some Alpine climbing.

After a short stay here the party again took the cars and were conveyed to the greenhouses and residence of Mr. Wilcox. Part of the houses are on level ground but the rear ones reach well up on the bluff at the back. And up beyond the greenhouses is a large vineyard. Mostly cut flowers are grown in this establishment, and though this is itself a large sheet of glass, this is only one of the places conducted by Mr. Wilcox. He has another large establishment farther out that is devoted wholly to vegetables, and still another that is devoted to fruit.

On the lawn at one side of the house was a large bed of plants in which crotons were prominent. If crotons did as well everywhere as they do here there would be no question as to the value of the croton for bedding. A field of geraniums up the slope of the

Partial view of the party seated at the tables on the lawn of Mr. J. F. Wilcox, Council Bluffs, Ia., Aug. 18.

bluff caught the eye of everyone. It was a gay show of color and its position made it noticeable for a long distance.

An orchestra had been rendering excellent music at the east of the house and when the party gathered there long tables were found loaded with good things, including pure wine grown on the place. The shade from the trees being insufficient Mr. Wilcox had stretched a huge canvas perpendicularly over the house from a tree in front to another at the rear and as the sun was sinking in the west the east lawn was completely shaded.

Here a splendid lunch was served to all, and at the conclusion of the repast President Gude called upon Mr. Wm. Scott to express the thanks of the guests for the princely hospitality of Mr. and Mrs. Wilcox. Mr. Scott performed the task in his usual happy manner. He said that when he was introduced to Mr. Wilcox he expected to see a man of venerable appearance, like that of himself or John Westcott (laughter) and was amazed to find so young a man to be the builder and proprietor of such an immense establishment. He expressed the profound thanks of all for the splendid entertainment, and called upon Mr. Robert Craig to help him do justice to the subject.

Mr. Craig said things are done on a large scale in the west and the present entertainment was no exception. He referred to the Exposition as an expression of western force, spirit and enterprise and of architectural splendor, and in fitting words conveyed the hearty thanks of all to the host of the occasion.

H. A. Siebrecht was called upon and reiterated the sentiments expressed by Messrs. Scott and Craig.

Mr. J. D. Carmody, "of Posey County," was called upon and made a very witty speech. He felt there was little opportunity for him, following other orators that were always loaded (shouts and laughter)— with wit and humor. What mainly interested him was where the host secured all the beautiful ladies that waited on the tables. "Where did they pick them up. They are no windfalls." He paid a glowing tribute to the ladies and said that if anything can add to the pleasures of bouuty it is beauty.

Mr. E. G. Hill was called upon and said he claimed to be a western man and was therefore no stranger but was among his friends. He wanted it understood, though, that he was not from Chicago, where some terrible things are done, and he told a story about an alleged Chicago woman who used the ashes of her first husband to sprinkle on the icy sidewalk so husband number two would not fall and injure himself.

Adam Graham said he could add nothing to what had been already said except an explanation that the Clevelanders had entered the bowling contest merely to help let Philadelphia down easy.

The president then gravely announced that any of the ladies who would like to favor Mr. Carmody with a kiss could meet him under a neighboring apple tree, which statement was received with shouts of laughter.

Mr. Wilcox was called upon but said speech making was out of his line and all he could say was that he was glad to have the visitors present and hoped they would all enjoy themselves.

A vote of thanks was passed with a shout and three cheers and a tiger before the party returned to the cars for a pleasant trip back to Omaha.

Presentation.

At the Thursday evening session President W. F. Gude and wife were presented with a beautiful silver tea service, silver water pitcher and goblets, spoons, knives and forks, etc. Mr. J. D. Carmody made the presentation on behalf of the members of the society. Mr. Carmody humorously referred to President Gude as "a goody-goody fellow." He presented the articles one at a time making some humorous reference to each. He said: "The butter dish is for yourself and your wife, and may you never love any but—her." Also: "If anyone owes you anything I hope he will 'fork' over your just dues." In presenting the water pitcher he said: "Keep to the pure contents of this pitcher, and you will avoid trouble. There is no fight in a whole barrel of water, and I never yet knew the contents of a water pitcher to bring about a divorce." Then dropping the humorous Mr. Carmody spoke some feeling words on behalf of the donors and trusted the gift would be received in the spirit of fraternity with which it was offered.

President Gude seemed quite overcome by this mark of love and respect and responded briefly that if he had succeeded in doing his duty to the society he was more than satisfied, and that the beautiful gift would be highly valued all his life for the sentiment it conveyed.

The Exposition.

On Friday all visited the Trans-Mississippi Exposition, having been previously supplied with tickets by the local Florists' Club. These tickets, by the way were paid for by the local club and were not presented by the Exposition. We mention this as many seemed to be under the impression that it was a courtesy extended by the Exposition. At noon all gathered at the Nebraska building, where were distributed copies of the Florists' Review containing a full report of the proceedings of the convention. All wondered how the feat had been accomplished and many thought the issue had been printed in Omaha. But such was not the case. The paper was printed in Chicago, and a bundle of copies expressed from Chicago early Thursday evening so as to reach Omaha the next morning. This necessitated mighty sharp work, even with a free use of the telegraph, and the speed has never been exceeded, even by a daily paper. The Review was warmly congratulated by all upon this stroke of enterprise.

At the Nebraska building the delegates were addressed by President Wattles, of the Trans-Mississippi Exposition, and by General Manager Clarkson, who said he considered the work of the florist one of the most attractive features of the Exposition. F. W. Taylor, Chief of the Horticultural Department, also made an address. He said that after the invitation to Omaha had been accepted at Providence he wondered whether it would be safe for him to address the members of the S. A. F. again. He felt sure that he could now safely do so and trusted that all were now convinced they had made no mistake in meeting on the banks of the Missouri. Mr. Benj. Hammond followed and said he had asked "the Roman nosed Taylor" for wild Indians, buffaloes and ox-teams but had failed to find them outside of the exhibits at the Exposition. He had been amazed at the boundless waving corn fields he had passed on the trip out and had realized more than ever that soil fertility was the foundation of prosperity. He made a patriotic reference to the victorious ending of the recent war and the way in which the riches of the east and the riches of the west had been freely contributed to advance the cause of human liberty in the world. His fervent words were received with long continued applause.

At the conclusion of the address the party repaired to one of the large restaurants on the grounds where all were treated to an excellent dinner by the local Florists' Club. Before dispersing President Gude expressed the thanks of the visitors for the generous entertainment provided and this was briefly responded to by President Donaghue, of the Nebraska and Iowa Florists' Club. The opportunity was improved and the gold medal won by Mr. William Scott in the bowling contest was presented to that gentleman, who responded in a witty speech that brought down the house.

Enjoying the attractions of the Exposition was then in order and each followed his individual bent. The horticultural building and contents has already been well described in these columns. A special exhibit for the day was a superb collection of sweet peas exhibited by W. Atlee Burpee & Co., of Philadelphia. This included all the best new sorts and attracted much attention. Cannas are much in evidence on the grounds. Banked on a semi-circular terrace at one end of the lagoon they are wonderfully effective. They were especially brilliant under the glow of the electric illumination at night. Quick growing vines, such as Cobaea scandens, has been freely used along the colonnades and on the trunks of trees with very pleasing results. The exhibits showing indus-

Group of delegates to the Omaha Convention on the occasion of the visit to the establishment of Mr. J. F. Wilcox, Council Bluffs, Ia. Part of the greenhouses are seen in the background. On the top of the hill is a vineyard.

trial and artistic progress were very interesting and the Midway had its attractions, but the Indians seemed to be of the greatest interest. This exhibit is made by the government and selected representatives of many tribes are present. In the majority of cases the Indians are of as much interest to each other as they are to the visitors for selections were made from widely different tribes and they can converse with each other only through interpreters, though they look pretty much the same to the casual observer.

Quite a number of the eastern delegates took the trains leaving about 5 o'clock in the afternoon but the majority staid for the illumination in the evening.

Notes.

In the convention hall was a decorated mantel that was much admired. It was decorated by Mr. J. F. Wilcox and received suitable recognition by the judges though at first overlooked by them, not being in the exhibition hall proper.

In the bowling match Walter Mott, of the Buffalo team, retired after the first game and his place was taken by C. C. Pollworth, of Milwaukee, therefore the scores of the second and third games were made by Mr. Pollworth though Mr. Mott's name was retained on the score sheets.

When the Evans Challenge cup was presented to the St. Louis team, Mr. Westcott said the Philadelphians really wanted some one else to win it so as to keep it in circulation, but from the laughter that greeted this assertion it is feared the boys didn't fully rely on it. John certainly did the graceful, though, and the generosity of the Philadelphians is assuredly beyond question. Mr. J. J. Beneke received the cup on behalf of the St. Louis team and said that they would keep the cup safely for the coming year and take it to Detroit with the firm intention of carrying it back home again after the Detroit contest.

A movement has been started to have each team entering the annual tournament contribute $10 toward a fund to purchase a trophy to be competed for by the several clubs.

At the Council Bluffs entertainment the old time members of the society were pleased to meet Mr. L. A. Casper, formerly the owner of the establishment now conducted by Mr. Wilcox. In the early days of the S. A. F. Mr. Casper was one of the very few members from west of the Mississippi that attended the annual conventions. He retired from the florist business six or seven years ago, having become quite wealthy through the appreciation in value of his real estate and now takes life easy. But he still retains his interest in the profession and was much pleased to meet old acquaintances in the society.

Mr. Cornelius S. Loder, secretary of the National Florists' Board of Trade, New York, made a proposition to the society to allow members a rebate of $2 on the annual fee for the credit information supplied by his organization, and the proposition was accepted, it being understood that the S. A. F. accepted no responsibility in the matter.

The names of new varieties of plants may now be registered with the secretary of the S. A. F. There will be no charge to members but a fee of $5 will be exacted from those who are not members.

The American Carnation Society held an informal meeting at Omaha and made preliminary plans for the annual convention to be held in Philadelphia next February.

No meeting of the Chrysanthemum Society of America was held as a quorum was not secured.

Quite a number of written reports were received from the State Vice-Presidents this year, that from New York being especially full and complete.

In his paper on bulb growing in America, Prof. Massey thought the coast section of North Carolina peculiarly suited to the purpose. It was decided to call the attention of the Secretary of Agriculture to the bulbs grown in the State of Washington and exhibited at the convention.

A resolution was adopted urging members to take immediate action as to securing protection in the Florists' Mutual Fire Insurance Association. Full details can be had from the secretary, Mr. W. J. Vesey, Ft. Wayne, Ind.

The discussion upon the paper on the value of trade exhibitions was all one way, every speaker adding force to the position taken by the essayist that the exhibitions were one of the most important factors in the advancement of the trade.

The chairman of the committees in charge of the new special departments are as follows: Co-operative Purchase, E. M. Wood, Natick, Mass.; Legislative, P. O'Mara, 35 Cortlandt St., New York; Claims, H. A. Siebrecht, New Rochelle, N. Y.; Arbitration, S. B. Stewart, 119 North 16th St., Omaha, Neb.

The ladies were given a carriage ride through the city and to Hanscom Park and served with refreshments at the park. The affair was arranged by a committee of Omaha ladies including Mesdames A. Donaghue, Sr., J. F. Wilcox, S. B. Stewart and Geo. Swoboda.

President Gude and wife, Mrs. J. H. Small and Miss Small, took a trip to Denver before starting on the return to Washington. Others of the Washington delegation, including F. H. Kramer, C. Schellhorn and A. Gude spent their extra time in Chicago visiting the local establishments. They were much impressed by the immense places of Bassett & Washburn and Reinberg Bros.

On the return trip E. M. Wood, of Natick, Mass., visited President-Elect Rudd at Mt. Greenwood, Ill., while Wm. Scott and E. G. Hill took a look at Washington Park, Chicago.

The Burlington road took good care of those who went over its line. At Omaha their agent went out of his way to hunt up those likely to return Friday afternoon and, a sufficient number being secured, put on a special sleeping car for their accommodation.

And there was a warm session in the smoking room of that car on the return trip.

Those who left Omaha on Friday shook hands with themselves when they heard that on Saturday the thermometer registered 102 degrees in the Exposition city.

The dining car on the Burlington train from Chicago to Omaha was elaborately decorated with American Beauty roses for the occasion by Messrs. Bassett & Washburn. This courtesy added materially to the pleasures of the trip and was much appreciated. We expected to print in this issue an engraving from a photograph of the interior of the decorated car, also a group of the delegates standing in front of the special cars shortly before the train left, but the photographer was so unfortunate as to meet with an accident on the way home in which the negatives he had made were broken into little bits.

IMPRESSIONS OF OMAHA AND THOSE WE MET.

Omaha is not far distant from Council Bluffs and only a pleasant night's ride from Chicago, but it's a long way from Boston, New York and Philadelphia, and more than a thousand miles from the little town of Buffalo, famous for having produced three great things —Niagara Falls, Deerfoot the great Indian runner, and Grover Cleveland. If we could only claim J. D. Carmody we would be happy, but we can't. However, Omaha seems but a short journey from us now since we have seen it, made, I trust, many friends and are now the possessors of so many pleasant recollections of our brief sojourn among the craft of that hospitable town.

The writer for many years used to sing or squeal or squeak on demand that beautiful song, "Her Bright Smile Haunts Me Still," and as I sit here at home I can see the quiet, cordial yet dignified smile of Mr. Donaghue, the candid, honest young face of Mr. Wilcox, the good-natured ever-anxious-to-please physiognomy of Mr. Hess, and many others. Their smiles do not haunt us, oh no. We have them in safekeeping and can recall them at our will and much to our pleasure.

The journey to Chicago would have been lonesome and dull if it had not been for a lightweight prize fighter in our sleeper who frequently expanded his chest 5½ inches over the normal or resting size of that very important part of his make-up. It's amusing to see that puffer pigeon-like performance for

a few seconds, but on the fourth exhibition our friend said he could keep up this distention for half an hour, and proceeded to do so. After a minute or two it is painful to watch it or sit near it so I intimated politely, very politely, that it would be a relief to several of us if he would collapse and accompany me to the buffet car. The sound of buffet did the trick and he forthwith collapsed.

That ride on the Burlington road was a dandy and it seems to me the Chicago boys did not receive a good solid, sensible vote of thanks for their great kindness and forethought. Every guest felt the keenest gratitude, I know, and a more formal expression was cut off along with Phil Hauswirth's amusing speech and many another good thing. Messrs. Hill, Craig and Westcott were only just recovering from temporary fright, occasioned by the extraordinary electric storm dreamt in those days of the mighty cities that lie on the banks of the mighty Missouri and Mississippi. To Dibden both rivers were branches of the Missouri and he was not far wrong in calling it the Missouri. I was neither pleased nor disappointed with these great streams for I had pictured them many years ago. Broad, featureless, shallow, sluggish, undefined rivers; they may be a mile wide or half of it, but you can easily believe that in springtime they would be ten miles wide. When crossing the Niagara on Sunday morning over the suspension bridge and viewing the tumbling, tossing, foaming rapids 200 feet below, I fancied after the pea soup consistency of the rivers we had lately seen that below us was ten million hogsheads of champagne let loose to sparkle and gladden our eye. We did not sample it till we got home, where we tap the river 21 miles nearer its source.

sends out his valuable annual report it will be found the meeting just closed was the equal of any for the amount of good business done, practical and valuable essays and discussions to the point on live topics. There was many an eastern face missed that would have gladdened the party and which has in the past been inseparable from a convention, notably The Duke of York and other good old familiars. There is no disguising the fact that had there been a shooting contest it would have brought at least 6 more members from the City of Brotherly Love. While the attendance from east of Chicago was light, there was a large attendance from Iowa, Nebraska, Minnesota, Kansas and other Western points.

The social features were very enjoyable. The gathering at the beautiful home of Mr. Wilcox at Council Bluffs, was well managed and most hearty and pleasant, and made the

Photo by F. A. Rinehart, Omaha.

The Grand Court and Lagoon at the Omaha Exposition.

which we had been passing through for several hours, and were just wound up and ready to discharge a good volley of their personal reminiscences, which are so much more amusing and instructive than mere anecdotes. What a pity that the whole of the Chicago delegation could not have been in the party: a big mistake and no sensible excuse for it. They must realize by this time that they missed a great deal, are doubtless very sorry, but too proud or stubborn to own it. It must be over 50 years since Dibden, the great songwriter, penned these fine lines:

"To the West, to the West, to the land of the free,
Where the mighty Missouri rolls down to the sea,
Where a man is a man if he's willing to toil,
And the humblest may gather the fruits of the soil."

The west to Dibden meant Ohio and Indiana; it is doubtful if he ever heard of Iowa. He certainly knew nothing of Omaha and he nor any other man

If the rivers are broad and slow there are no flies on that glorious state of Iowa; corn, corn everywhere, and when it's not corn it's cattle. What riches! An empire of itself; 3 feet of rich soil; all we saw of easy grade to plough. I believe its fertile billowy, bosom-like surface could raise the necessaries of life for the whole population of this great United States and a Sunday dinner for the Canadians.

When seated in that beautiful church among our brother and sister florists, and the grand tones of the majestic organ pealed forth among us, I was then positive that I had done a wise thing in coming to Omaha. Strange what an influence the grand and solemn tones of an organ have on a worldly man or even hardened sinner. If reformation is an object as well as punishment in our penal institutions, I would give the unfortunates 6 hours of organ recital 7 days in the week.

The church as a meeting place was grand and when Secretary Stewart

whole crowd feel like brothers and sisters. Long life and health and prosperity to that unassuming young man, our host, Mr. Wilcox.

The bowling, now a permanent feature of the social side of every convention, was well managed, but with only two alleys it took many hours to decide the winner. If the convention had been held within 500 miles of Philadelphia that handsome cup would now be landed there for good, but they were sadly handicapped. Several of their best bowlers could not get away. One was quite ill and when they had to call on such retired war horses as Robert Craig and John Westcott, you can imagine what a fix they were in, but those old fellows did nobly. It takes the old fellows to perform in public. They don't get stage fright. Personally, I wish to say that all the competing clubs were gracious enough to allow Buffalo to enter a team for the sake of competing for the individual prize. It was a kindness and courtesy

for which I return sincere thanks, and all who played on that mixed team should appreciate the favor. A New York contemporary says: "Scratch Buffalo team scored 2,252 points, but was not officially recognized in tournament." Why go to the expense of wiring such stuff. Why not have scratched our name entirely out? As you did go to the useless trouble of giving our total, why not make an effort to be truthful. The total of the so-called "Scratch Buffaloes" was just 2,552, just 300 more than our Metropolitan journal made it.

The terrifically hot weather made many leave for their homes on Friday night who would have lingered another day or two to take in the sights of the beautiful exposition. I think it was a revelation to many eastern men. This must be said that the conception and execution of the horticultural embellishment in the Grand Court, wherein was the lagoon surrounded by the various fine buildings, were better arranged and better done than anything of the kind attempted at the World's Fair, and better by 100 per cent. The memory of that beautiful display and Mr. Carmody's presentation speech will long linger in the memory of one who is glad he went to Omaha. "And here is a butter dish, my friend, for you and your wife, and may you love none but-her." W. S.

GRAFTED ROSES.

In the discussion of Mr. Craig's paper on grafted roses at the Omaha convention Mr. E. M. Wood, of the Waban Conservatories, Natick, Mass., said he had found that the grafted plants gave superior results, all grown in solid beds. He thought the grafted plants more free from the tendency roses exhibited in New England to be checked in the fall and to then "shut down for the winter" as it was termed by the growers there. In answer to an inquiry as to how the Waban Conservatories managed to produce roses that could be sold at $4 a dozen when other growers were glad to get a quarter of that amount, Mr. Wood said he attributed their success largely to the fact that the houses were piped in such a way that they could use only two heating pipes or up to the limit, as required through the use of manifold valves. The regulation of the temperature was given the most careful attention. They have a man whose sole duty it is to look after the temperature and to make a record of same every hour. If the outside temperature begins to fall he turns on an extra run of pipe, and with the system of piping employed the temperature can be regulated to a nicety. He emphasized his belief that this careful regulation of the temperature was the most important factor in their success.

Mr. Antoine Wintzer, the veteran rose propagator, told of the old days in which all roses were propagated by buds and grafts and said that 30 years of practical experience had shown conclusively that an own root cutting from a healthy plant will do the best in the long run, as the own root plants have a chance to recuperate from the roots.

Mr. J. L. Dillon told of his experience with grafted plants for the production of cut flowers under glass. He had 2,500 plants grafted on Manetti, planted out in solid beds in July. The Brides and Maids far surpassed those on own roots, the Perles did not do so well and the Meteors produced inferior flowers. He favored grafting for Brides and Maids but not for the others.

W. W. Coles said his treatment of the plants after grafting varied a little from that described by Mr. Craig. The first day he keeps the plants close but on the second day opens completely to dry off the foliage. He then sprinkles the plants and closes again. He had Kaiserin both grafted and on own roots. The first year the grafted plants showed to best advantage but afterward he could see no special difference.

On request Mr. Coles told how he had secured 1,350 rose plants from one individual in a few months by budding, and Mr. Wintzer followed him with the statement that from Nov. 1 last up to date he had propagated upward of 5,000 plants from one individual by cuttings.

R. F. Tesson found one-year grafted Brides superior to one-year plants on their own roots, but the second, third and fourth years the grafted plants were no better than those on own roots.

In response to a question Mr. Craig replied that with grafted Kaiserin he got quicker results. He grows the Kaiserin for summer only throwing the plants out after the Christmas crop is cut.

Mr. Wood said he does not graft the Kaiserin. This variety is grown in a solid bed and kept dormant in winter. He thought they got more value out of it this way.

FLORISTS' FIRE INSURANCE ASSOCIATION.

There was much discussion of the above association by S. A. F. members after the action of the convention, and nearly all I talked with assured me that they would send in an application for insurance as soon as they returned home.

It ought to be understood that as the association now stands it could pay any probable loss which it may incur and it will endeavor to pay such as it does incur, but that unusually heavy losses could not be paid without a large increase in membership.

The directors did not levy an assessment for the next year, but substantially determined to levy an assessment of one-half the first year's rate, payable the first of January next. The first year rate as fixed is partly in the nature of a membership fee and should be charged the same to all for the first year they are members. My own belief is that an assessment of one-half that amount from year to year after the first will create a good reserve fund in addition to paying losses and expenses and before long even that rate can be lowered.

If I am right it will be a great business mistake for the florists not to support this movement heartily. As rapidly as I can I shall send to all florists a new circular letter and a blank application to be filled out and forwarded to me. I will then have a rate made on the risk. No one should fail to forward the application, properly filled out, as no money goes with it and they can send the money or not, as they desire, after the rating is fixed. As it will take some time to reach all, I hope anyone reading this will write me for an application at once, and it will at once be forwarded to them.

The directors authorized me to accept notes for premiums from responsible persons, running not over four months, so don't wait on account of not having the money in hand at this time. No liability attaches to the members of this company beyond the payment of the year's premium. They are not liable for the payments of assessments when made, but their insurance will terminate on their failure to pay assessments at the required time.

W. J. VESEY, Sec'y.

Ft. Wayne, Ind.

AMONG CHICAGO GROWERS.

Henry Mundt's (Continued).

In the field all his beds of carnations, asters, etc., have a 4-inch board around the edges, kept in position by being nailed to suitable heavy stakes. This is not done for neatness merely, but to prevent the possibility of plants being damaged by the foot when walking between the beds and to insure against plants being injured through the soil washing away from the outer row into the paths during heavy storms. He feels it necessary to have the walks somewhat lower than the beds to take the surplus surface water during heavy rains, and says the board edges to the beds are not only less expensive than might be imagined, but they last at least four years. He finds them a great advantage.

His asters are looking very well and promise an abundant supply of flowers. He lifted a few plants and planted them out on a bench inside to see how they would lift and do inside. So far those so lifted and placed under glass are doing somewhat the best.

A. H. Schneider's.

A. H. Schneider is building three short-span-to-the-south houses each 18 x100 and one 12x90. The three first mentioned contain two wide beds and three walks, two along the sides and one in the center. These will be planted with roses. Altogether he will bench 2,000 Bridesmaids and 1,000 Brides.

In carnations he will bench 1,500 Daybreak, 1,000 Scott, 500 Tidal Wave and 500 Flora Hill. He likes Hill, which he finds very free in bloom and the flowers large. He will try Pingree and a number of the newer sorts. He uses the brush support seen at Mr. Mundt's and likes it. For summer flowers he grows Fisher and Scott. With him Scott is far ahead of Century for summer work.

He will try a house of violets this year, planting them in one of his old houses formerly devoted to carnations. He also has quite a lot of chrysanthemums.

On the posts of the steps to his fine new residence, built last summer, are large pans of Asparagus Sprengerii that are wonderfully effective in this position.

Night Effect at the Omaha Exposition. Photo by F. A. Rinehart, Omaha.

Chicago Carnation Company.

The Chicago Carnation Company is starting in this season at Joliet with eight new houses each 22x200. James Hartshorne is manager of the new concern. The houses are now in course of construction and are to be completed by September 15. They are all equal span, connected together and run east and west on level ground. The houses are separated one from the other but in the dividing walls just beneath the gutter is a row of 24 inch glass. Each house has two rows of continuous ventilators two feet deep, one on each side of the ridge. The houses are all of wood construction, and the glass on the roofs is 16x18.

Mr. James Hartshorne, the manager, is well known in Chicago as an expert grower of carnations, and the aim of the new place is to produce only extra quality blooms. The stock for the coming season's work will consist of 8,000 Jubilee, 8,000 Daybreak, 4,000 each of Flora Hill, Gold Nugget and Mrs. Bradt, 3,500 Victor, 2,000 each of Argyle, Evelina and Mrs. James Dean, 1,000 each of Empress and Mrs. Frances Joost. They will also grow several seedlings of their own. Mr. Hartshorne gives Daybreak a night temperature of 48 degrees, Mrs. Bradt 50 degrees and the remainder about 52 degrees.

While of course varieties differ Mr. Hartshorne likes best carnation plants propagated early in March. If propagated much before that they become too large and if propagated later they are hardly large enough. Of course weak growers have to be propagated earlier, some as early as January. When the cuttings are rooted he plants them out close together on benches containing a depth of about two inches of sandy soil, insuring quick drainage, and carries them here till planting out time, which is with him about the middle of April. The plants are set only about 4 inches apart in beds, and treated in the usual way till about July 1 when they are planted in their blooming quarters inside. Of course he can't do this this year as his houses are not ready, but it is his usual procedure. He would plant inside still earlier but wants to get all the value possible from the old plants and it is profitable to keep cutting from them up to about July 1.

Planting outside is not so good as carrying the plants along in pots but to carry the plants on this way takes pots and room needed for other purposes. About a month after benching the plants he gives a light mulch, less than half an inch thick, of well rotted cow manure, merely to keep the soil from baking. When he begins feeding he uses a mulch of half sheep manure and half soil thoroughly mixed and placed on thinly. He finds this requires less labor and is more lasting than applications of liquid manure. Again, if after an application of liquid manure there happens to follow a week of cloudy weather he finds that a large number of bursted calyces result, and therefore the mulch is safer.

UTILIZING FORCED BULBS.

I believe florists make a mistake in throwing away their forced bulbs of the narcissus tribe. If such bulbs were planted out in some vacant spot in the garden, 100 to the square yard, they would undoubtedly pay big returns after two years. I have found the growing of such very profitable, and now have no less than 500,000 bulbs, with a steadily increasing demand.

In growing jonquil bulbs do not dig or disturb them until the fourth year and then only in the months of July and August. Replanting should be done as soon as possible after digging. Have the ground well pulverized and clear of roots, etc., lay a 6-inch fence board for a guide, take your Planet, Jr., moldboard plow and run it along the edge of the board three inches deep, press the bulbs firmly in the bottom of this furrow, cover with a hoe, turn the board once over and repeat the process. Cover with an inch mulching of leaves or manure.

In the spring pick your flowers but do not hoe or in any way disturb them. The following four years keep this bed mowed short and if clover or bluegrass get in take them out with the hoe. After five years they must be dug and divided as the number of flowers will diminish when they get too thick on the ground.

I follow the same method with the bulbs of the larger drooping flowered snowdrop, except that owing to its stronger growth it needs dividing oftener and a little more room at first planting.

I. L. GALLOWAY.

Terrace Park, O.

THE FLORISTS' REVIEW

G. L. GRANT, EDITOR AND MANAGER.

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PHILADELPHIA.

The Past Month.

The force of circumstances sometimes compels the newspaper writer to become an historian. This is true in the present case. The chief events of the month follow, briefly, and in order:

On Tuesday evening, August 1st, a large and representative body of florists gathered in the club room to listen to Mr. W. A. Manda describe his efforts in hybridization in general and with the new Wichuraiana roses in particular. The description was deeply interesting. At its conclusion Mr. Manda showed a number of photographs of the plants in bloom.

Sunday, August 14th, saw the departure of our convention delegates, only eleven in number, to be joined by three or four more when they reached Omaha. The bowling team was fair, but not quite representative.

Tuesday, the 16th, saw a great gathing at Riverton, the fourth annual excursion given by the H. A. Dreer company to the gardeners and florists of the city and country for miles around. The affair was a great success; fine weather, an attendance of over 1,500, a cordial welcome and a place well worth seeing.

The Market.

The cut flower market has been very dull. Very few flowers are coming in town and most of those that do come plainly show the debilitating effects of our Philadelphia climate in summer. Asters have been in rather short supply; the frequent rains have spoilt many of the outdoor blooms. Really good asters are wanted. Kaiserin is the only rose that proves satisfactory. Beauties open too fast and the others are small. Carnations are between seasons. The fakirs have rather interesting stands. One chap on Chestnut street today was offering "English lavender" leaves at 5 cents a package under the assurance they would keep moths out of your clothes. I asked if this was an established fact and was told to buy a package and try, but was given a whiff which unfortunately ended the matter. They are offering tuberoses at 5 cents each and poor asters at 10 cents a dozen.

Notes.

Pennock Bros. are remodeling their store. The show window is finished and the long conservatory in the rear with its potting shed and tank. Now the floor of the store proper is being given a foundation of ashes and cement on which mosaic work will be laid. The new refrigerator is extremely handsome, with electric lights and Italian marble inside, besides drawers underneath for preserving "greenery."

J. J. Habermehl & Sons (John P. Habermehl) have enlarged and improved their store.

Edward Reid combined his trip to Omaha with a visit to his home in North Dakota. He will return early in September.

Samuel S. Pennock has added one more door on Ludlow street, four in all. He proposes keeping his flowers in cold storage rooms, dispensing with ice and ice boxes. It is believed the flowers will keep at least as well and be much more easily and safely handled.

William C. Smith has moved just round the corner to better quarters at 1604 Ludlow street.

H. A. Dreer Co. report French bulbs arriving in especially fine condition. The Harrisii look well; they are 25 per cent short in quantity.

This shortage of lilies is the same with many importers. Let us hope the growers are keeping the diseased bulbs.

Hurrah for our bowling team. Even if they didn't win they, like the sailors of old, "did their best." Philadelphia congratulates Mr. Scott on his great score and the success of his All American team.

In speaking of Mr. Heacock's electrical arrangement last week, I intended to say that bells rung in the houses of the owner and foreman, not fireman

J. W. Y.

ST. LOUIS.

As the train for Omaha pulled out with the St. Louis delegation Dr. Helwig called out "Don't come back without the Evans Cup." Well, here we are, with the cup according to instructions. It will be on exhibition at one of the large down town stores all this week and next.

The trip to Omaha was much enjoyed in spite of the heat and dust. Omaha is a fine city with wide streets, generally well paved, handsome public buildings, and excellent street car service. The local club was untiring in their efforts to give the visitors a good time. A full report of the various entertainments will undoubtedly appear elsewhere in this issue of The Review.

In the bowling contest we had a sharp eye on the Philadelphia team. In the first game we beat them 67 pins, in the second game they beat us 3 pins and in the third game we led them 15 pins, giving us a total lead of 77 pins.

The team representing Buffalo showed good form but Kasting and Scott were the only Buffalo men in the team.

Mr. Scott was certainly fully entitled to the gold medal. It was a splendid score (200) to make on those alleys.

The bowlers wish to extend thanks through The Review to Bob Tesson for acting as official scorer.

All agreed that the Omaha convention was one of the pleasantest ever held and the St. Louis party wishes to thank the Omaha florists, especially Mr. and Mrs. J. F. Wilcox, Mr. and Mrs. J. J. Hess, Mr. and Mrs. Geo. Swoboda, Mr. and Mrs. A. Donaghue, Mr. and Mrs. L. Henderson, J. Hadkinson and L. C. Chapin. May we all meet again in Detroit next year.

Pick-Ups.

J. Austin Shaw did all he said he would.

A. L. Vaughan is $10 to the good; ask John Kunz for full particulars.

Harry Balsley was working hard for Detroit.

Charlie Kuehn wanted to stay until Tuesday, but he didn't.

Walter Kreitling came on that late milk train without a smile.

C. C. Sanders left the party Thursday for a trip through Kansas.

The last seen of A. L. Vaughan and G. L. Grant was down among the Indians.

Ask M. Rice and Paul Berkowitz what it costs to belong to a defeated bowling club.

Billy Kasting is a winner every time. Billy picked St. Louis and Scott to win.

J. A. Evans was with us to the last and kept calling up "55" along the road to the hotel.

Fred Weber was the happiest man at the convention after Wednesday. Fred wouldn't bowl but was with the boys to the last.

Carl Beyer was taken for a farmer at the exposition on Friday. Carl saw everything that was going on in the Midway.

Jim Wilson did not smile after Wednesday. Jim had his head set on that Cup. Better luck next time, Jim.

If Omaha had a few more Wilcoxes they would win hands down. Keep it up, boys, for next year.

E. H. Michel and Bob Tesson were the tallest members of the convention, both are still young men with plenty of time to grow.

Pap Koenig and Pop Connon were seen to enjoy the Midway and they were alone at that.

What became of Phil. Hauswirth? He left early. So would we, Phil, had we lost.

E. Leuly, of New York, looked on with a smile and with longing eyes on the cup. "We will have that next year," he says.

"Little Brown Jug" Edgar Sanders

had more fun than all the rest together. Edgar is quite a singer.

Bowling Items.

The Bowling Club rolled again at its home alleys on Monday night, but only a few made their appearance. We had the Evans cup on exhibition and a large crowd admired it very much. Mr. Arnold Ringier, of Chicago, who is a visitor this week, rolled with the boys, and with longing eyes on the cup. He says Chicago must have that next year. Here are the scores:

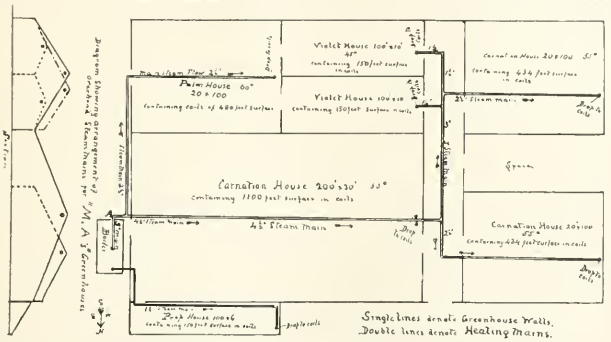
	1	2	3	Total.	Av.
J. J. Beneke	155	171	172	498	166
A. Ringier	178	149	161	488	163
F. Fillmore	137	148	142	427	142
J. W. Kunz	179	123	124	426	142
C. Kuehn	131	136	142	409	136

J. J. B.

through the northerly houses and another through the southerly houses. Thus, start from the southwest carnation house with a 2-inch return main running east, increasing it to 2½-inch when taking on the violet house coils, and continue 3-inch to the boiler. For the north houses, start 2½-inch from the northwest carnation house and increase to 3-inch when taking off the returns from the northeast carnation house and propagating house, and continue with 3-inch to the boiler.

Care should be taken that all pipes grade downwards from "A" back to the boiler; in this manner the pipes will be kept free from water and the consequent hammering. Automatic air valves should be placed at the lower end of each of the coils, just before they enter the main returns, also in each main return just where they drop to the boiler.

New York. HENRY W. GIBBONS.



Piping Suggested to M. A.

STEAM HEATING.

In answer to M. A.'s inquiry as to the arrangement of steam pipes for the heating of his range of greenhouses, which are at present heated by hot water, I would suggest that he take a 5-inch steam main from the top of his boiler up to a point marked "A" on the accompanying plan, this point to be sufficiently high as to allow of a downward grade in the mains from "A" to where they drop to the coils in the several houses, of not less than one inch in every twenty-five feet.

The diagram shows clearly the lines and diameters of the flow mains, and also shows the amount of coil surface necessary to maintain the desired temperatures. These coils may be made of either 1-inch or 1¼-inch pipes, arranged below the benches, and so arranged as to distribute the surface as evenly as possible in the several houses. It would be a good plan to run a 1-inch return along each of the eaves, on each side of the houses; this would serve two purposes, to keep ice from forming at the eaves and gutters, and also to temper the cold air as it falls from the roof glass on to the plants in the side benches.

The return mains should be run on or below the floor, one line running

CHICAGO.

The Market.

The hot wave that arrived Monday had a demoralizing effect on business. Large quantities of stock are being received and there is a big surplus of everything, especially Beauties and Meteors, and sales are at very low prices in the majority of cases. Still some of the dealers say the results will average some little better than for the same month a year ago. Quality of stock is still very ordinary and really good flowers are obtained with difficulty, except in the case of Meteor, many fine flowers of which are to be seen. A hot wave seems nearly always to have an unpleasant effect on trade. Even the fakirs buy very sparingly at such times, no matter how low prices drop.

The weather turned cooler Wednesday and somewhat better conditions prevailed. It is hoped the cool weather may continue though the result will undoubtedly be a shortening of the supply.

Tuberoses seem inferior in quality everywhere this year. No good reason for this has been advanced.

Kennicott Bros. Co. are receiving some very fine asters that have brought as high as $2.50 a hundred, but they are very extra. The poorest are sold at as low as 15 to 35 cents a hundred and ordinary stock at 75 cents to $1 a hundred. Lilies, album and rubrum, have sold very well and seem popular.

Bassett & Washburn and Reinburg Bros. report business as excellent for the season of the year.

One wholesaler says: "Business is out of sight. So far out of sight that no one can discover it."

Notes.

S. A. Wolcott has returned from a fishing trip in Wisconsin. Among the results were two muskallonge weighing 23 lbs. together. One was 13 inches long and the other 41. The catch of pickerel was so large that anything less than 18 inches long was thrown away.

C. N. Thomas, bookkeeper for A. L. Randall, is spending his vacation at his old home in Pennsylvania.

Louis Gresenz, of Bassett & Washburn's, has returned from his vacation. Mrs. Horton is now taking her vacation in the east.

Otto Frese runs his own refrigerating plant and keeps as cool as an iced lemonade.

Vaughan, McKellar & Winterson are giving their place a coat of paint and getting ready for a brisk fall trade.

A. L. Randall is receiving some very good single violets cut from field plants.

Local growers have been receiving many visitors of late from among the pilgrims returning from Omaha. Among these visitors were Robt. Craig, Philadelphia; Geo. L. Miller and wife, Newark, O.; John Coombs and wife, Hartford, Conn.; A. Gude, F. H. Kramer and C. Schellhorn, Washington. J. F. Sullivan, of Detroit, lingered around Chicago till Tuesday.

U. J. Virgin and wife, of New Orleans, were also recent visitors.

Robert Craig had an experience while he was here, so did Mr. Washburn, of Bassett & Washburn. When Mr. Craig visited the latter he was suffering so with some ulcerated teeth that a dentist was hunted up and Mr. Craig took gas while the teeth were being extracted. While under the influence of the gas Mr. Craig gave away all the secrets of the trade in Philadelphia and Mr. Washburn has not yet fully recovered from the effect of the revelations. All this time Mr. Craig was going through the motions of smoking and apparently enjoying himself hugely. He capped his experiences for the day by having a delightful nap in the car on the return trip from Hinsdale and was quite indignant at being disturbed by the brakeman who discovered him after

the car had been switched down into the yard some distance from the depot. That dentist evidently carries in stock a brand of gas with lasting qualities, and he will not soon be forgotten by the genial gentleman from the Quaker City.

J. G. Esler, Secretary of the Hail Association, spent a few days in the city on his way home from Omaha. Accompanied by E. Lenly, of New York, he made a trip to Milwaukee and back.

NEW YORK.

The Convention.

"Stories of the West" are in order. They seem to have had a good time out there dangling those "golden keys." However, we hope to see President Gude's suggestion as to the holding of an annual exhibition acted upon. The giving of a mere trade show, no matter how extensive, should scarcely satisfy the ornamental horticulturist element in the society, and perhaps it is stronger than some are aware of or wish to acknowledge.

Visit to Floral Park.

On Wednesday, Aug. 17, on invitation of Hon. John Lewis Childs, some 40 private gardeners and florists visited the beautiful bulb nurseries and herbaceous gardens at Floral Park, L. I. Manager E. S. Miller, after guiding the party through fields of magnificent gladioluses, liliums and other flowers, took them to the Floral Park Hotel, where luncheon was served. Short talks were given by several of the party and all expressed their appreciation of the great treat given them. Mr. Childs has nearly 200 acres of flowers at Floral Park and the grounds are beautifully laid out. Some idea of the place may be formed if one can imagine 80 acres of gladiolus all in bloom, 2 acres of lilies, several acres of geraniums and miscellaneous bedding plants, and thousands of herbaceous flowers. In one of the large buildings the visitors were shown five thousand cut gladiolus in one hundred named varieties, all nicely staged. Among the visitors were Fred Atkins, W. I. Brower, Samuel Henshaw, J. W. Withers, Frank Traendly and J. I. Donlan, of New York city; A. J. Wenger-ter, A. Welsing, James Boyle, Thos. Garrett, P. Reilly, Wm. Hawley, Wm. Read, David Thompson and A. L. Miller, of Brooklyn; W. G. Gomersall, of Fishkill, N. Y.; Wm. Scott, of Tarrytown, N. Y.; A. Dummit, Mt. Vernon, N. Y.; J. M. Hunter, Paterson, N. J.; Thos. Griffin and Sam Leuba, Westbury, L. I.; and J. M. Logan, White Plains, N. Y.

Several of the party also visited the grounds of Mr. Chas. H. Allen, close by, where a fine display of choice cannas was much admired. Mr. Allen has some very fine seedlings in his collection, which will be heard from later.

A Bowling Contest.

The New York Gardeners' Society will hold a grand bowling tournament in connection with their second annual dinner, which will be held at the Central Opera House, 67th street and 3rd avenue, New York city, on Saturday evening, September 10, bowling to commence at 7 o'clock. This will be the event of the year for fun, all the Gardeners' Societies, Horticultural Associations and Florists' Clubs in and around New York will be invited to send teams to compete for the prizes to be offered; and apart from this there will be inducements for everyone present to do his best at knocking down the pins.

The society originally intended to give the usual set dinner and an exhibition. The committee, however, knowing that such dinners are rarely enjoyed with their yards of rehash speechmaking, decided to cast away all formality and business and have the night devoted to fun only, so if any of the champion bowlers are around it would be well for them to attend. Six alleys are available and a great good time is assured. The committee in charge are J. W. Withers, P. O. box 1697, New York city; John Scott, Keap St., Brooklyn; and J. I. Donlan, 365 Fifth Ave., N. Y. City.

The Naval Parade.

There was a large quantity of flowers used in connection with the great naval parade, which was held in New York on August 20th, but it was not of a nature to raise prices, it merely saved lots of flowers from the ash cans. There is always a slight increased demand for all kinds of stock on Saturdays and Mondays, and again Monday is the day the market is most glutted with poor stock. A recent arrival informs me that in the finest stores in London they are offering 50 fine cut roses in a green rush hamper all for two shillings and sixpence, or 60 cents, and they are much finer than any seen here at present. Of course we are seldom able to produce good roses here in summer, but if we could get them we would probably ask $4 or $6 for 50 fine roses in a hamper basket. Roses coming in here now are but poor makeshifts and whilst retailers should make allowance for the season, growers should not expect $1 per hundred for roses that are hard to sell for 50 cents.

Notes.

There is likely to be a cut rate war among growers of certain stock the coming winter, and many developments are looked for in regard to the credit and cash systems springing up. The Smilax King views the future of his no credit system serenely at present; so far it has been successful. What it will be when everybody has cyps and smilax to sell has yet to be told, but in any case Koffman deserves credit for his courage.

Among visitors during the past week were W. C. Cook, Chicago; Mr. and Mrs. J. W. Ludwig and nephew, Allegheny, Pa., who enjoyed seeing the victorious warship parade and visiting our markets. Mr. Ludwig is one of the boys whom we like to call often.

D.

THE RETAIL FLORIST.

Theatrical Designs.

The theatrical season is about commencing in the principal cities and there are usually a great many flowers used for the "Opening Nights," the order given to the florist is generally "send something large and showy" and it is the rule to use up any old thing so long as it looks big. We are given to believe that actors and actresses don't care what they get so long as they get flowers; this is a great mistake for the majority of these people have great taste and their influence is powerful; then again the flowers sent are always compared with others, and your tag may turn into a boomerang.

In sending flowers to a theatre remember that everything connected with the place is more or less spectacular. Therefore your contribution should be none the less so, but should, above all, be artistic, and while it is essential that your basket or bouquet of flowers should appear grandly imposing from the gallery, it should also be well finished to enable it to bear the scrutiny of critical eyes in the boxes and orchestra.

There is an abundance of outdoor flowers obtainable at present and highly adaptable for the above class of orders. Large high handled baskets are most suitable designs and the handle cannot be too high. Get a basket with a handle about 4 feet high and fill it good and full with one colored gladiolus, which must be well open. Twine the handle with crepe paper or ribbon of the same color as the gladiolus and have one side the handle and the top garlanded with the same flower or Lilium auratum looks well on the handle; this makes a very showy basket if made well.

Roses are cheap and there is no reason for mixing them. If you make your bunches or baskets of roses, have them all Meteors, Morgans, Maids or Beauties and don't be afraid to use ribbon. Keep cut ferns and soft green stuffs off your designs as they wilt very soon in a warm theatre and spoil your work.

Sometimes special designs are ordered or we are requested to get up something new or grotesque. Some one may want to send an appropriate design to a leading actress or actor and there is nothing more expressive than a standing star made of scarlet carnations or Meteors, even gladiolus can be utilized; red flowers only should be used. If the piece be sent to a colored artist, send a horse shoe

or basket of the biggest sun flowers you can find, fringing off with golden rod.

If flowers are intended to be worn on the stage find out the color of dress if possible and send flowers to match. Thorns should be taken from the roses and very little if any wire used. Recommend the wearing of shoulder sprays. This is a graceful spray of carnations or roses about a foot long tied with a large cluster of very narrow ribbon. Let a few streamers hang as long as the flowers and use no green but be careful your ribbon is the exact color of either flower or foliage. This is to be worn on the left shoulder. Then another pretty custom is the "belt bunch." This is made more compact and arranged like a double corsage bouquet but made very light and is tied with ribbon in the middle which can be attached to the waistband.

Various Suggestions.

There are so many varieties of flowers obtainable now that it's possible to make many very pretty combinations.

Tamarix flowers lend a graceful charm to a vase of mixed flowers and a few sprays will make any funeral design more beautiful.

Of course a nicely arranged vase of assorted flowers will look well anywhere, but, if possible, keep your colors separate, that is where your decorations are in anyway extensive. The effect is better and your chances of being adversely criticised are less.

White flowers, with the exception of a bunch of valley, should never be sent to a sick person.

Be generous with your cut flowers this time of the year. Don't let your surplus stock be wasted. Send it to the hospitals or give it to the Sunday schools. That withered gladiolus or faded rose might have cheered some heart or done some good for future trade.

Gloxinias are grand now and what a variety of colors—every hue imaginable—and how beautiful they look on the lunch table when put in bottles of water and arranged among adiantum in a flat basket or even as growing plants if taken out of the pot and half the soil cut off, then arranged in pans.

Use very little cut adiantum in these warm days. It fades very quickly and kills the effect. Instead, use, wherever possible, the plants cutting off three parts of the soil and arrange in wet moss. Small plants can be used in funeral work.

Hydrangea paniculata makes fine ground-work for cheap funeral designs and every grower should plant some.

Gardenias are still considered the finest and choicest boutonniere material for gentlemen. Stick a wire up the stem of the flower and use a few small leaves. For ladies have them natural and plenty of foliage.

D.

IN THE American Architect for July 16 appears an able article on the "Landscape Phase of the University of California Plan," by Warren H. Manning, in which he points out the landscape features that should be considered by architects in preparing plans for the university buildings, and emphasizing the importance of the advice of a landscape architect at the inception of such an undertaking. As Mr. Manning intimates, the proper first step would be to consult a landscape architect, who, after having determined upon the site, should outline a preliminary plan of the grounds, and then in conjunction with the designers of the buildings prepare a comprehensive scheme in which the separate parts would be properly related to each other.

WM. SCOTT'S Miscellaneous Seasonable Hints are universally acknowledged to be decidedly the most valuable contributions to the current literature of the profession. Why? Because they tell the florist doing a general business the little things that he wants to know and in the way he wants to be told. They are of direct money value to every one in the business. Mr. Scott writes exclusively for The Florists' Review.

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SITUATION WANTED—As fireman, hard or soft coal; can do general greenhouse work; handy with tools. Address W. Hall, Somerton, Philadelphia, Pa.

SITUATION WANTED—By single florist, German-American, age 25, 10 years' experience in all branches; good floral worker; sober and trustworthy; salary $45.00 per month. Only responsible parties need answer. References. Address V., care Florists' Review

FOR RENT OR SALE—First class retail stand. 5,000 feet of glass. New. In city. Ought to net good man at least $3.00 per day. Must buy stock, about $500.00. Reason for selling, failing health. Address "Illinois," care Florists' Review.

FOR SALE—First class florists' store in Chicago. Excellent trade, established fifteen years. Owner desires to devote his whole time to other business. An unusual opportunity. Address Max, care of Florists' Review.

FOR RENT—To reliable party, the old establishment, consisting of 11 greenhouses, 16,000 feet of glass, newly built; also store. Finest location in Chicago. Cause, poor health, Garfield Park Floral Co., 1688 W. Madison Street, Chicago.

SITUATION WANTED—By expert grower of plants and cut flowers. Competent in every department. Seeks a situation where he may have a chance to make his services worth more than in his present place. Can surely advance his employer's interests if given suitable opportunity. Address S. D., care Florists' Review, Chicago.

WANTED—By young lady, position in cut flower store. Is competent in general design and decorative work. Good reference. Address J. J., care of Florists' Review.

WANTED—Man with from $1,000 to $1,500 in the florist and hot house vegetable business. Full details given. No trifiers. Address Vegetables, care of Florists' Review.

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BOSTON.

Review of the Market.

This week has been another of those disagreeable wet ones, with heavy showers almost daily, completely shutting off the supply of outdoor flowers, with perhaps the exception of asters, which owing to the scarcity of other stuff, are selling very well, especially white ones. What few of Semple's and the Giant Comet that are shown are taken quickly at $1 per 100, while Victoria whites sell for 50 cents; colors, 35 cents per 100.

Good roses are not plenty and Kaiserins and Meteors easily bring $8 per hundred, while the small Maids and Brides sell from $2 to $4, although the quality is improving a little. Beauties are almost completely out of the market and can't be found at any price. Out of door carnations have the call now and are eagerly sought after at $1.50 per hundred. The supply is limited and confined mostly to the variety Mrs. Fisher.

Speciosum lilies began to come in this week and easily bring 4 cents cut off of the stalk. All kinds of white flowers sell well, the demand being for funeral work. Valley is $4 per 100, but rather quiet. Sweet peas are done for the present, owing to the wet weather; tuberoses and Gladioli quiet at $4 per hundred; white feverfew, candy tuft, etc., bring about 25 cents per bunch.

News Items.

A severe hail storm occurred on Friday and did some damage to plants out of doors, but have not heard of any glass being broken.

Fred C. Becker, of Cambridge, had some of his 2-inch rubbers spoilt by the hail.

E. N. Pierce & Son, of Waverly, are erecting a short span to the south house 300 feet long by 24 feet wide.

E. B. Beals and wife, of Greenfield, were in town the past week.

N. F. McCarthy has returned from his sporting trip.

G. Young, from Philadelphia, spent a few hours here on Friday, looking over the system of the co-operative market.

Florist Harmon, from Portland, Me., was here on Saturday looking for stock.

There is quite a lot of complaint about out of door carnations, the wet weather retarding the growth and in some cases causing quite a lot of loss by stem rot. P.

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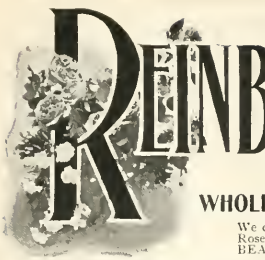

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520-535 Caxton Bldg., Chicago.

THE PROPOSED department of credit information was not concurred in at Omaha, the feeling being general that the National Florists' Board of Trade, New York, was in a better position to obtain and disseminate such information than the S. A. F.

CALADIUMS FREE OF DUTY.

By a decision of the U. S. General Appraisers at New York, Aug. 11, caladium bulbs are entitled to free entry under paragraph 656, act of 1897, as nonedible bulbs. Following is the text of the decision:

BEFORE THE U. S. GENERAL APPRAISERS AT NEW YORK, AUGUST 11, 1898.

In the matter of the protest., 32696f-2212, of Hensel, Bruckmann & Lorbacher, against the decision of the collector of customs at New York as to the rate and amount of duties chargeable on certain merchandise, imported per Arabia, and entered February 25, 1898.

Opinion by WILKINSON, General Appraiser.

The goods are caladium bulbs. The appraiser states in his report that "The caladium is a plant which is used for ornamental and decorative purposes, and is cultivated for its beautiful foliage." He accordingly returned the merchandise as dutiable at 25 per cent under paragraph 251, act of July, 1897.

In assessing duty in accordance with this return, the collector expresses the opinion that upon the appraiser's report the merchandise is exempt from duty under paragraph 656, as claimed in the protest, but that the assessment was made in order to obtain an authoritative decision from the Board.

Botanists (see Paxton's Botanical Dictionary, p. 96) confirm the appraiser's statement that the caladium is cultivated for its foliage.

Paragraph 251 provides for "orchids, palms, dracaenas, crotons and azaleas, tulips, hyacinths, narcissi, jonquils, lilies, lilies of the valley, and all other bulbs, bulbous roots, or corms, which are cultivated for their flowers."

The caladium is not named in the paragraph, and it is a bulb cultivated not for its flowers, but for its foliage. It is, therefore, not dutiable under paragraph 251.

We find that the goods are nonedible bulbs not otherwise provided for, and we sustain the claim that they are entitled to free admission under paragraph 656.

HUNT'S REVIEW OF THE CHICAGO MARKET.

Spasmodic conditions prevail, one day seeing the market very well cleaned up and the next glutted. Local trade is fairly good and very few of the retailers are complaining. Regular shipping is fair, with transient orders mostly for funeral work, hence white stuff is somewhat short.

Young rose stock looks better every day and gives promise of an exceptionally fine crop the coming season. Brides and Maids being ahead of others. Perle cut from old plants are now as fine as have been in this market in the past year. Carnations looked rather the worse for wear after these recent heavy showers, but the plants needed rain and we are not complaining.

The aster crop is in full force, many fine specimens being in the markets. Sweet peas are abundant, but are running smaller and poorer in color. The volume of business is about the same as last year with somewhat smaller receipts.

Chicago, August 22, 1898.

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The meanest man has been found. He was wealthy, of course. His wife died and sorrowing friends sent many floral emblems to the funeral. He afterward visited the florist who supplied most of the flowers, and wanted a commission. The florist wanted to kick him out of the store, but didn't dare to. The more he thinks of it the sorrier he is that he didn't.

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GRAND RAPIDS, MICH.

Weather conditions continue good. We have had another downpour and ideal early fall weather. Carnations are getting a move on them now. Trade is as flat as a pancake. Roses are plentiful and of good quality, retailing at 75 cents to $1.00 per dozen; carnations poor and scarce. Asters are plentiful, but of very poor quality as yet.

The last of the late propagation of single stem mum stock is now in and the boys are looking the carnation benches over, with a view of getting them ready for early planting.

There is a fine lot of Japan lilies to be seen in Smith's store window. They deserve to sell better than they do.

Trade quiet. Quite a little ripple in white flowers occurred during the week on account of funeral work. White carnations are about over and white asters have been ruined by the blight, which has struck some crops hard, destroying nearly every flower and bud on the plants. We are having moist, torrid Cuban weather; everything seeming to fairly wither under the scorching rays of Old Sol.

Sweet peas, unless late plantings, are nearly over. Gladiolus are in their prime, as is also a mixed assortment of outdoor flowers.

GEO. F. CRABB.

THE HARRISII DISEASE.

The time for the arrival of the Harrisii bulbs is here, and I have an idea which it might be well to test.

If, as it is claimed, the Harrisii disease is produced by a mite that is supposed to be in among the scales of the bulb, it seems to me it could be very easily killed by placing the bulbs in an air tight vessel and using bisulphid of carbon. I don't think it would injure the bulbs, and being very penetrating it would surely find all the mites.

I have used it several years for killing the pea weevil. As soon as the seed peas are ripe they are cleaned and put in a jug, then about a tablespoonful of the carbon bisulphid is poured on a rag and put in the jug, which is then corked up tight. In a few hours the larva will be dead, and if it kills the larva inside the peas it would surely kill the mites inside the Harrisii bulbs, and the cost would be very small.

If found effective, of course the right way would be for the wholesale houses to kill the mites before they send out the bulbs, or, better still, let the growers do it before shipment. If done on a large scale the cost of carbon would not be 5 cents per 1,000. I hope some one will be induced to give it a fair trial anyhow. JOHN BEIMFORD.

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"The cutting was struck in January and put in a 4-inch pot about the first of February. Five weeks later it was shifted into a 6-inch pot; in May being given another shift into an 8-inch pot, in pure Jadoo Fibre. Later shifts were made in the same material, and about August 1 the plant received its final shift into a 13-inch pot, in which it was exhibited. When the buds were set I started watering with Jadoo Liquid according to directions about twice a week, gradually increasing the strength until the blooms were half developed, when a little of the Liquid in a much weakened form was given."

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EVERY ONE agrees that The Review took the prize with its report of the convention in last Thursday's issue, and are wondering how it was accomplished. It was simply hustle and some extra expense. It was the highest daily paper speed and made by a weekly paper.

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Florists' Review

NOW READY

50,000 EXTRA FINE... FIELD GROWN CARNATIONS

WHITE.	Per 100.		Per 100.		Per 100.
Uncle John, extra fine	$5.00	Jubilee, fine scarlet	$5.00	Tidal Wave, carmine pink	$5.00
Flora Hill	8.00	Daybreak, light pink	5.00	Bridesmaid, fine pink	5.00
Alaska	5.00	W. Scott, standard pink	5.00	Triumph, fine large pink	6.00
Ivory	5.00	Rose Queen, bright rose pink	5.00	C. A. Dana, new pink	6.00
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Also a fine stock of the following **NEW FERNS:**

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FICUS ELASTICA BELGICA, extra fine, 4-inch.	3.00 "	25.00 "

Terms: Cash with order or satisfactory references.

FOREST CITY GREENHOUSES. Address H. W. BUCKBEE, ROCKFORD, ILL.

CINCINNATI.

The Market.

There is no improvement in the condition of the market here, but the craft all predict a lively fall and winter trade and the indications are that we will have plenty of good stock. We have been blessed with good growing weather this summer and field grown carnation plants are looking fine.

Cincinnati will be able to keep up its reputation a while longer for producing an abundance of good blooms of this popular flower. For strong and thrifty looking plants Evelina surpasses anything that I have seen this season.

News Notes.

The frame work and bars of Critchell's new greenhouse plant went up in smoke by a destructive fire at the Wm. Cordes & Sons planing mill on the 16th inst. As fall is near at hand it will be a serious delay to Mr. Critchell and will require some tall hustling on his part to get things in shape before cold weather.

The float representing the florists of this city promises to surpass anything that will be shown in the civic and industrial parade G. A. R. week. The committee is working hard and have met with great success in securing cash donations. Our growers will contribute the necessary flowers and the store boys will display their artistic ability on this occasion as never before. The float will be 22 feet long and drawn by six horses.

Fred. Gear has returned from the east, where he has been spending a couple of weeks.

J. A. Peterson and wife have also returned from the lakes.

Henry Schwarz is quite busy renovating his houses and getting ready for fall trade. B.

EASTERN FLORISTS in need of flower pots can depend upon getting the right goods at the most favorable rates from the old reliable firm of A. H. Hews & Co., North Cambridge, Mass.

Carnations!! ...IDEAL FIELD CARNATION PLANTS

Our Stock Surpasses that of all previous years.
Send for complete list of the best NEW and standard varieties.

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Pansy Plants in bloom. June sowing ..... $5.00 per 1000
Primroses—choice mixed, 2-inch ..... 2.00 per 100
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Ten varieties flowering **Begonias,** 2 and 3-inch ..... 3.00 per 100
Pansy Seed, every variety, at ..... 3.00 per oz.
Mitting's Giant Flowering at ..... 4.00 per oz.

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MORRIS, ILL.
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Carnations WANTED!

2000 FIRST CLASS SCOTTS.
500 JUBILEE. 500 JOHN YOUNG.
500 TRIUMPH. 200 Mrs. G. M. BRADT.

All must be full grown, clean and healthy stock. Name best price and tell how many you can supply.

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CARNATIONS -- Pingree, Armazindy and Triumph, field grown. Ready now, write for prices.

ROSES -- Brides, Belle Siebrecht and Meteors in 3-inch pots. Maids, Brides and Beauties in 2½-inch pots.

SMILAX, in 3-inch pots, $3.00 per 100.

Send 50c or $1.00 for samples and prices to
GEO. A. KUHL, Pekin, Ill.
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CHINESE PRIMROSE

15,000 single, mixed colors, 2 and 2½-in. pots, $2.00 per 100. Cinerarias, 2-inch pots, September 1st, $2.00 per 100.

Pansy Seed. ½ oz., $2.00; oz., $3.50. Plants Sept. 20th, $3.50 per 1000.

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Roses and.... Chrysanthemums

STOCK THAT WILL GIVE YOU SATISFACTION.

Brides, Maids, Meteors, 3-in., $4.00 per 100; $35.00 per 1000. 4-in., $5.50 per 100.
Beauties, 3-in., $5.00 per 100; $45.00 per 1000.
Beauties, 4-in., $6.50 per 100.
Chrysanthemums.—2½-inch stock, of Lady Fitzwigram, Glory de Pacific, Bergmann, Robinson, Bonnaffon, Modesto, Perrin, Viviand-Morel, Maud Dean, Maud Adams, Emil and Gretchen Buettner, Yellow Jones, D. Spaulding, Lottie Berry, Marion Henderson, Crawford, Snowball, Defender, Mayflower, Thanksgiving, Whithers, Morton, Irene Woodford, Murdock, Golden Trophy, M. M. Johnson, Sunderbruch, Merry Monarch, Marquis de Mortmont, at **$3.00** per 100.
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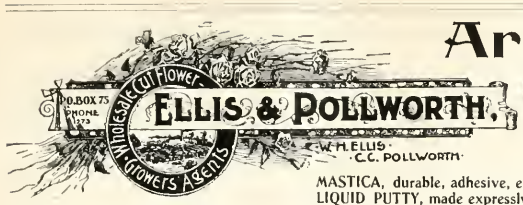

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Fine 6-inch pot plants for fall and winter sale, at $4.00 per dozen.
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3-inch pots, $7.00 per 100; 4 inch pots, $10.00 per 100
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34 named varieties, 2-inch pots, per 100		$8.00
34 " " rooted cuttings, "		4.00
Mixed Rex, rooted cuttings, "		2.00
" 2-inch pots "		4.00

Write for prices on other stock.
Terms cash or C. O. D.
Named Rex Begonias, 3 of each kind in each 100.
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100 American Beauties, 3½-inch.....$3.00 per 100
Bridesmaids, 3½-inch..... 3.50 "
Meteors, 3½-inch..... 3.50 "
Healthy, vigorous plants; grown for our own use. May be returned at our expense if not satisfactory.

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MADISON, N. J.

Club Notes.

Morris county gardeners and florists anticipated a great meeting on Wednesday last, Mr. S. B. Elliott, of Reynoldsville, who is staying with Mr. F. A. Bell in Madison, having promised to entertain the members with stereopticon views of and to give a general talk on astronomy. The elements were unpropitious, however, and the lecture was postponed. There was a fair attendance of members, however, when President Duckham called the meeting to order; also another noble display of garden and wild flowers.

In the wild flower class A. Herrington secured the full award of 15 points with 120 named varieties, E. Reagan coming next with 13 points for a superb collection of 84 varieties. P. Cox made another great display of perennials and President Duckham brought down a nice collection of cannas, among which President McKinley was particularly conspicuous and fine.

The advisability of a fall show was next discussed. It was decided to have one, and committees were appointed to secure a hall and draft a schedule, the same to be ready for distribution two months before the date of show. The hall committee report having secured McAlpin's hall, Morristown, for Tuesday and Wednesday, November 1 and 2; so the show will be held on these dates.

The Morris county society puts up a fine show from its own membership, but it would welcome some outside competition, and anyone desiring schedules with a view of entering may obtain the same as soon as ready on application to our secretary, Chas. H. Atkins, Madison, N. J.

It was announced on behalf of Mr. Elliott that he would give his proposed lecture any night convenient to the members, so the Masonic hall was engaged for Saturday night. The occasion was made an open one and a goodly audience was on hand. We were shown marvelous views of the latest achievements of stellar photography and provided generally with a great intellectual treat. A. H.

FLORISTS' HAIL ASSOCIATION.

At the annual meeting of the Florists' Hail Association at Omaha officers for the ensuing year were elected as follows: J. C. Vaughan, president; E. G. Hill, vice-president; J. G. Esler, secretary; Albert M. Herr, treasurer. Messrs. Vaughan and Hill resigned as directors, and Messrs. E. Wienhoeber and Geo. M. Kellogg were appointed to fill the vacancies. Wm. Scott and J. T. Temple were also made directors.

The by-laws were changed so that the annual salary of the secretary shall be $50 for each million square feet of glass insured, that of the treasurer $20 for each million square feet, and that of the president $7.50 for each million square feet.

The Harrisii Disease

can be prevented by immersing the bulbs for two hours in a half solution of.....

..Kraft's Plant Tonic.. 99%

This has been conclusively proven by experiments at Lincoln Park, Chicago. The Tonic also kills **Hard Shelled Scale, Mealy Bug,** and other insect pests without injury to the plant. A trial of a 25-cent bottle will convince you that a really remarkable insecticide has been discovered. Send for circular.

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5 x 7, $37.50 per 1,000, $4.00 per 100. 7 x 9, $75.00 per 1,000, $8.00 per 100.
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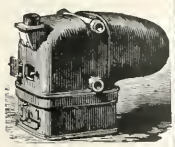

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1200 Jubilee, best red	3.00
700 Lizzie McGowan, white	4.00
700 Silver Spray	4.00
300 Mayor Pingree, variegated yellow	6.00
500 Morello, scarlet	4.00
500 Portia, red	4.00
350 Ivory, white	4.00
300 Tidal Wave, dark pink	6.00
200 Wm. Scott, pink	4.00
125 Della Fox, pearl pink	4.00

VIOLETS, Strong, field grown, at $4.00 per 100.

2500 Marie Louise, double blue.
500 Swanley White.
300 California.

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Mention The Review when you write.

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6-in., 5 to 7 leaves, $15.00 to $24.00 per dozen.
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Cuneatum	2	$3.00	$25.00
"	3	6.00	50.00
" Variegatum	2	6.00	
" Grandiceps	2	6.00	
Decorum	2	4.00	35.00
Pubescens	2	3.00	25.00
"	3	5.00	40.00
CYRTOMIUM			
Falcatum	2½	5.00	40.00
"	3	6.00	
Fortuni	2	6.00	
LASTREA			
Aristata Variegata	2	6.00	50.00
Lepidota	2	4.00	45.00
Opaca	2½	5.00	40.00
LOMARIA			
Gibba	2½	5.00	40.00
Ciliata	2½	5.00	40.00

	Inch Pots.	Per 100.	1000
MICROLEPIA Hispida	2	$6.00	
NEPHRODIUM Hertipes	2	5.00	$40.00
ONYCHIUM Japonicum	2½	3.00	25.00
PLATYLOMA Falcata	2½	5.00	40.00
POLYPODIUM Aureum	2½	5.00	40.00
POLYSTICHUM Coreaceum	2½	6.00	
PTERIS			
Adiantoides	2½	3.00	25.00
Cretica Albo lineata	2½	4.00	35.00
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Internata	2	4.00	35.00
Leptophylla	2	4.00	35.00
Ourardi	2	4.00	35.00
Palmata	2½	4.00	35.00
Serrulata	2½	3.00	25.00
Cristata	2½	3.50	30.00
" Nana Compacta	2½	4.00	35.00
Sieboldi	2½	4.00	35.00
Tremula	2½	4.00	35.00

It will be noted that we do not offer the above by the dozen, but will furnish five or more of any one variety at 100 rate; 250 or over of one variety at 1000 rate.

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50,000 Plants, 2½-in. pots, $5.00 per 100, express. 24 by mail for $1.50

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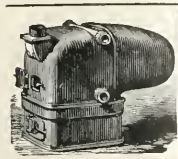

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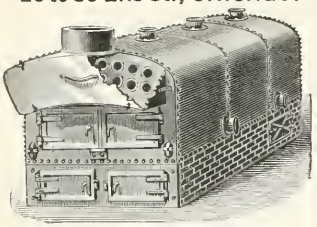

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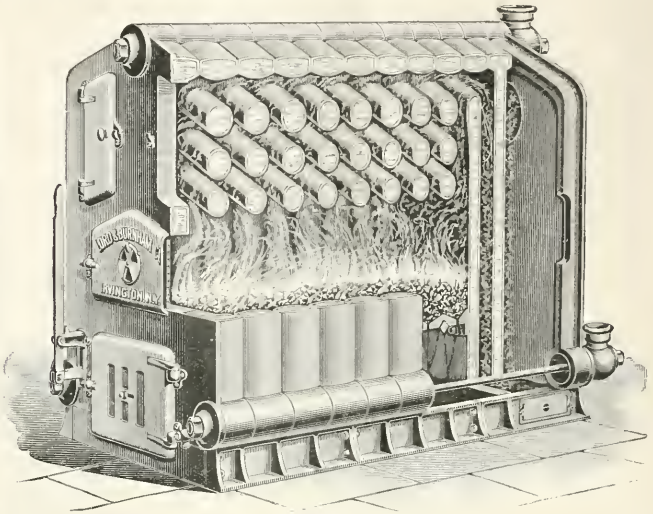

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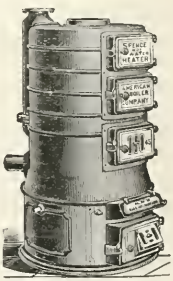

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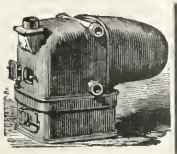

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THE WEEKLY FLORISTS' REVIEW

Watson B M
Jamaica Plain Mass
52

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CIBOTIUM PRINCEPS.

A young plant such as we illustrate gives but a faint idea of the grandeur of a full grown specimen of one of the large growing tree ferns, but plants in this stage are much more common than fully developed examples, and are therefore more easily recognized. The species in question is one of the most effective tree ferns for large conservatories, being a strong and rapid grower and not more difficult to manage than the well-known Alsophila excelsa.

The formation of the trunks of tree ferns in general is not a quick process, some of them requiring many years to form a stem one or two feet in height, but Cibotium princeps develops with reasonable rapidity, and specimens with trunks 6 to 8 feet in height are not uncommon in cultivation, while in its native habitat the dark brown stems reach up twenty or more feet, and carry a crown of fronds that are often ten feet in length. It will be readily understood that such dimensions as these are a little beyond the capacity of the average greenhouse, but it being a number of years before such fronds of these are produced, this species is still available among the useful tree ferns.

Cibotium Princeps.

The fronds of C. princeps are tripinnate (or three times divided), gracefully arching in habit, and both the stems of the fronds and the crown of the plant are covered with light brown chaffy scales.

A temperature of 55 to 60 degrees is sufficient for the welfare of this plant, a higher temperature than this being more likely to encourage the attack of insects than to be advantageous to the plant during the winter.

As to soil, it may be said that tree ferns in general like a rather open, peaty compost, but where peat cannot be conveniently obtained, the second choice would be sandy loam enriched with dry cow manure. An abundant supply of water is needed at all times, and during the summer moderate shade is beneficial.

Apparently there is some difference of opinion as to the native country of C. princeps, different authorities giving Mexico and Jamaica as the place of its origin, and in common with many other ferns the name of this species has been changed from time to time, probably the latest name under which it has been published being Cyathea insignis. W. H. TAPLIN.

LEAF MOLD.

A subscriber to The Review says in a letter: "I have large quantities of oak leaves on my place and wish to make them available as a manure (stable manure being exceedingly scarce) to use in my business. What chemicals would you advise and quantities and qualities would you use with the leaves to make them equal to stable manure?"

In many localities of many states the annual deposit of the leaves through centuries forms the surface soil which we find in virgin forests. How far and wide this is a truth I am not prepared to say, but it is likely that the rich surface in the majority of places (3 feet of the rich state of Iowa) was formed by the leaves of the forest through countless ages. In my simplicity I

know of no other agency that could cover the surface of the earth with its rich and natural deposit and although many states are now relatively treeless they might, ten thousand centuries ago, have been covered with gigantic forests.

Gardeners consider the leaves of the oak, beech, maple and elm make the best leaf mold and none better than the first. I have never seen any chemical manure used with leaf mold. If we had a large accumulation of rotten leaves I would consider them a valuable dressing for any soil, either sand, loam or clay; with a black muck it would, of course, be out of place. To use for greenhouse work it is usually made up in this way: The leaves when first collected are spread out in a bed, any desired length and width and say 6 inches deep. On them put an inch or trifle more of horse or cow manure, then another 6 inches of leaves and another layer of manure and so on till the bed is 6 feet high. This, of course, would be done in November or December. If possible to give the bed a good soaking at each layer of manure so much the better for it would greatly hasten decomposition.

In the spring you should begin at one end and chop down and throw over the whole pile and this should be done every three or four months. The more it is moved the sooner it will be available for use; but it will be nearly or quite two years before you can call it good prepared leaf mould. If you cannot procure animal manure, then use a good loam or sod in the same proportion. Chemical manures can be added when you are mixing your heap for immediate use. I have not used Peruvian guano for so many years that the quantity that is advisable is forgotten, but with bone flour, bone black or super phosphate, a 6-inch flower pot to a wheelbarrow of compost can be used safely. For begonias, fuchsias, ferns of most kinds, azaleas rhododendrons and a host of plants, one-third of leaf mould to two-thirds of loam is of great value.

I was reminded, a few days ago, of the use of well rotted refuse hops. Twenty years ago we ran after them, bought them at any price and rightly too, for they are as good an ingredient as was ever put in a compost pile and nothing equals them as a mulch. I have grown fuchsias with the help of hops that I would be proud to grow today. And solely by a heavy dressing of hops, I grew two acres of big drumhead cabbage. A big pile of leaves should be prepared every fall and a dozen loads of refuse hops procured annually. Hops mixed with stable manure make the best and most lasting of those old fashioned greenhouses, the hotbeds. WM. SCOTT.

Bench of Eucharis Grandiflora at Critchell's, Cincinnati, O.

EUCHARIS GRANDIFLORA.

On page 237 of our issue for August 4 we printed a description of Mr. B. P. Critchell's method of growing this eucharis and we now present a view of a bench of the plants in bloom in one of his houses. He finds this eucharis very profitable as a cut flower.

AMONG BOSTON GROWERS.

F. C. Becker's.

This week our inclination led us to Cambridge, the home of Longfellow and Harvard college, and we found that the horticultural education was keeping apace with the scientific. Cambridge is also the home of the Boston type of Nephrolepis exaltata. Our first visit was with the originator, Mr. Fred C. Becker, and here we found the Boston fern in its glory, and from freshly transplanted plants to plants ready for 6 and 7-inch pots with a few large specimens here and there. Mr. Becker has about six houses planted to nephrolepis, and is taking orders and shipping every day. These ferns are all planted in benches and are potted up or shipped from the benches as to the requirements of his customers.

Besides the nephrolepis (his leading crop) he is growing a fine lot of imported rubbers, Ficus elastica, about 2,500 all told. These were received from abroad when about 4 inches high, and were planted out in the open ground on June 25th. Mr. Becker expects them to average 2 feet in height when it is time to house them. Small ferns for ferneries is another of his specialties, and he has them in all sizes. Also a fine lot of Araucaria excelsa in 5-inch pots.

He has also a house devoted to palms of different sizes and varieties, which he uses for both selling and renting. In the same house there is an elegant lot of Selaginella Emiliana, a great favorite in this market. For succeeding crops, to follow the nephrolepis, of which he will in all probability be well cleaned out of by Christmas, he plants about 40,000 bulbs of narcissus and tulips and 2,500 Japanese (longiflorum) lilies. Azaleas are another of his favorite crops, especially for the holiday trade. Mr. Becker is also a grower of bedding plants, which make a fourth crop in some of the houses. He by his favorable location commands quite a local trade in flowers and plants, but his energy is put mostly in catering for a shipping trade for his specialty, the Boston fern.

W. E. Doyle's.

About five minutes' walk from Mr. Becker's we enter the well kept grounds of the old Hovey place, now owned and carried on by our popular retail florist, Mr. W. E. Doyle. Here we found his genial foreman, Mr. D. J. Murphy, busy with a funeral order; but as it was not of the rush order he took the time to show us around.

Mr. Doyle has nine houses, all 100 feet in length, devoted almost entirely to growing fine plants and flowers for his extensive retail business. One house is used for specimens of palms, and I do not think a finer collection can be found anywhere in the country. Mr. Murphy called our attention to two fine tubs of Cycas circinalis, with a spread of fully twelve feet; and four large kentias of the Belmoreana type, which measured fifteen feet in height. In this house he also had twelve very large rubbers, which he uses for propagating from, and a fine lot of specimen Cycas revoluta just throwing a new tier of leaves. Another house contains palms in from 7-inch to 12-inch pots, for store orders, while the next house is devoted to stove plants such as Pandanus Veitchii, dracaenas, begonias, crotons, etc., all in a fine, healthy condition.

Mr. Doyle does not do much in cut flowers, but has a couple of houses which he uses for bedding plants and bulb stock. He has imported this season about 700 azaleas and 15 pair of bay trees, and has a fine lot of Ficus elastica of his own propagation.

Willis N. Rudd, President-Elect Society of American Florists.

Mr. Doyle uses a lot of specimen palms, hydrangeas, etc., in beautifying his own grounds, and he is very proud of his well-kept lawn and surroundings, which are a credit to both himself and his able foreman.

W. A. Bock's.

Cambridge can well be called the home of the famous Boston fern, for at W. A. Bock's we again found it in profusion. Three houses were devoted entirely to it, there being about 5,000 plants in all stages of growth. In one house, with a nice lot of palms, mostly kentias, we found a fine lot of an old favorite, in 5-inch pots, Pteris argyraea, and a lot of small ferns for dishes. Mr. Bock also devotes one house to carnations, Scotts, McGowan and Mangold being his varieties, and the plants in the field look fairly well, considering the excessive wet weather. Another house is used for roses, principally Brides and Bridesmaids grown for his home trade, of which he has considerable. A house of young palms in 4's and 5's look very promising, as also a house of chrysanthemums grown for flowers. Mr. Bock forces quite a lot of azaleas, hydrangeas, etc., for Easter, and has a fine lot of both hydrangeas and small ficus planted in the open ground. He is also a large grower of bedding plants, which he uses to follow the Easter crops of azaleas, hydrangeas and lilies. P.

WILLIS N. RUDD.

We present herewith an excellent portrait of Willis N. Rudd, President-Elect of the Society of American Florists, from a photograph taken last week.

Mr. Rudd is the youngest man who has been selected to act as the chief executive of our national society, being only 38 years of age. He was born near Chicago and acquired his education here and in the east, having finished with a course at Cornell University, Ithaca, N. Y. He was engaged in various pursuits till 1886 when he became superintendent of Mt. Greenwood Cemetery, near Chicago, and secretary and director of the association that controls it. A range of commercial greenhouses was erected on the grounds soon after he took charge and this department became the most attractive one to him. It was not long before the fine quality of the chrysanthemums and carnations from this place began to attract attention, and they have held attention ever since.

He has always taken an active interest in the affairs of the trade and his marked abilities and thorough good fellowship have won him many friends. For a number of years he has acted as superintendent of the annual exhibitions of the Horticultural Society of Chicago, and has been an important factor in bringing about the success to which they have attained.

He has been a member of the Executive Committee of the S. A. F. several years, was for a number of years chairman of the Chicago Committee of the Chrysanthemum Society of America, and was last year President of the American Carnation Society.

AMONG PHILADELPHIA GROWERS.

Edwin Lonsdale.

Edwin Lonsdale has 30,000 feet of glass at Chestnut Hill. This is a Beauty place par excellence, two-thirds of the space being devoted to that rose. The aim is for extra long stemmed blooms. With that object the latest house is constructed with sixteen foot sash bars. They are all practically east and west, even span and mostly with ground beds. These ground beds are made of concrete, 7 parts ashes and 1 of cement, finished off with sand and cement, in the proportion, I think, of five to one. The sand and ashes being on the place the cost of material—cement—for beds in the newest house, 175x26, was only $20. This house presents a very neat appearance, with four walks (one at each side) and three ground beds. These beds were occupied last season by Beauties in their second year; they were dried and cut back in the summer and made very strong growth. Mr. Lonsdale, however, has replanted this season entirely with young stock. He considers the old stuff good if given fresh soil and plenty of heat and water but feels more confidence in the young plants. Kaiserins on own roots are producing strong canes.

Adiantum Farleyense occupies one side bench, grown to fives and sixes. Of orchids, cypripediums, cattleyas and dendrobiums are seen in numbers. One section of a house is devoted to chrysanthemums, chiefly Major Bonnaffon, Ivory, Mrs. Jerome Jones and a lot of novelties. These chrysanthemums are to be followed by early struck Beauties in pots. Palms and crotons are grown to specimens of great size, for shipping the former, arecas and kentias, the latter a number of standard sorts. There are some big flowered begonias of Vernon type, also fuchsias and geraniums. "Have you anything especial to say Mr. Lonsdale?" I asked. "Tell them I am still experimenting," was the reply. The system is steam. The fuel buckwheat

coal. The output is chiefly sold through Samuel S. Pennock.

Myers & Samtman.

Myers & Samtman have 45,000 square feet of glass at Chestnut Hill devoted to roses. They have nearly 10,000 Beauties, a house each of Brides and Maids and half a house of Meteors. They are trying 500 of their teas grafted on Manetti and also just a few of their Beauties in the same way. Their stock is all grown on benches, with plenty of head room. Their first houses were three quarter span to the south but the three latest additions are even span, for Beauties, very high, running east and west also. They manure and work their ground outside, not having composted soil for some years; allow liberal room for the plants to grow and use liquid manure. Mr. Samtman believes that heel cuttings make quicker and stronger growth than ordinary wood.

The system of heating is by steam; the coal, buckwheat. Mr. Myers is a firm advocate of keeping a man at his own work. If a house is to be built, glazed or piped, a builder, glazier or steam fitter is employed to do the work by contract and the rose growers keep on growing roses. Beauties are cut pretty much all the year through. The stock is sold to the city stores.

C. & G. L. Pennock.

Casper and George L. Pennock have 65,000 feet of glass at Lansdowne. Over 12,000 ft. have been put up this season. They have eight houses of Beauties—about 10,000 plants—three of Meteors, one each of Brides, Maids and Mrs. Pierpont Morgan, and one north side propagating house. They are still cutting heavily, the cut August 2 being 1,800 roses, 700 of them Meteors. The place is deeply interesting, being brimfull of ideas.

The Brides and Maids are being carried over without replanting in new soil or resting to speak of; merely a pruning of light wood later. This plan was successfully adopted by David Anderson last year. The Beauties are partly in benches and partly in beds, the soil being five, six and ten inches in depth. The latter in a bench intended for undisturbed use for three years. The plants of this variety range in age from six months to three and a half years; the latter are to be thrown out but some two year stock is being cut back and replanted.

The glass is 16x24, excepting in the south side of the front house (new) where 24x24 inches is in position. This is the broadest glass in use around this city, to my knowledge; it makes a very light house and if strong enough should prove of advantage.

From one to three steam pipes are used under the benches. The water pipe does double duty, serving also as a purlin to support the bars. Each house has spigots enough to give perfect syringing facilities with 50 feet of hose. The walks are around the sides. The drip from bars and gutter strip is carried off inside by a galvanized iron gutter outside. A steam pipe is run down the gutter between the houses; this is for melting a heavy snow, such a serious affair ordinarily where two houses have a common gutter between.

The chief novelty is the steam fan. It is located over the boiler, which is at the lowest point of a gradually ascending shed from which the houses open on both sides. The idea is to open the doors next the shed, close the ventilators and then start the fan. It is intended for use when the foliage is wet and will not dry owing to sudden cloudiness outdoors. I was unfortunate in missing both members of the firm and could not understand what advantage this plan affords over that of turning on a steam pipe and a crack of air on at the top ventilators. The fan plan is perhaps more natural but is it not less effectual owing to the distance, 150 feet, which the air must traverse through the house to reach the lower end? A correction of any error either in fact or conclusion by Mr. Casper Pennock will be greatly appreciated by the writer. The plan is original in its application and very interesting.

The cut of this place is handled entirely by Samuel S. Pennock.

Robt. Scott & Son.

It is hardly fair to say more than a few words at this time about Robert Scott & Son. They have just moved from Penrose to Sharon Hill and are not yet in shape. Four new houses, 200 feet long, are planted in a variety of young roses. Eleven more houses are to be built from the old material brought with them. The business is partly in cut roses and flowering plants and partly in young roses for the catalogue business.

Robert Craig & Son.

The following from Robert Craig & Son, received too late for insertion in proper place: They grow 12,000 chrysanthemums for cutting to one and two blooms; varieties, Bonnafon, Liberty, Mrs. H. Robinson, Ivory (pink and white), Henry Hurrell, Maud Dean, Frank Hardy, Western King, Mrs. J. Jones and Modesto. Of Tulips 50,000, one third in pans and pots, two thirds in boxes, chiefly for Easter; varieties, Yellow Prince, La Reine, Vermillion Brilliant, Cottage Maid, Couleur de Cardinal, Murillo; Hyacinths, 10,000, half miniature for pans and half tall in pots; varieties, Czar Peter, La Grandesse, Lord Macauley, Grand Maitre.

Conclusion.

In conclusion, I desire, on behalf of The Review, to thank all these growers mentioned for the uniform courtesy shown in furnishing information about their places. J. W. Y.

THE RETAIL FLORIST.

Patriotic Designs.

Great events call for special endeavors, and the florist should always be ready not only to grasp popular ideas but to encourage and lead where a greater use of flowers is likely to be the result.

Our war with Spain is an occasion where the retail florist can do much for patriotism and his business by putting his "up-to-dateness" into practical and beautiful forms. Red, white and blue flowers should be used on every possible occasion, but more particularly where members of the army and navy are being entertained.

A very pretty dinner decoration can be made of red and white carnations and blue cornflowers, or delphiniums and any red and white flowers. If used loose in a vase no other colors should be near and no greens used. If arranged in a round, flat basket, which is best, arrange them very low and have each color by itself and occupying the same space. Small silk American flags gathered in the center may be placed on the table, having the center of the flag opposite the middle of each cluster of flowers.

If flags are not obtainable streamers of the new flag ribbon (which is very beautiful and much used by New York florists) can be used to great advantage and is much more preferable than red, white and blue ribbon. Another good idea, and one that can be used in thousands of cases, is when you have nicely lined your clean white cut flower box with wax or white tissue paper, spread a small silk American flag across the box and then put in your finest flowers, folding the ends of the flag over them. It will give the recipient a pleasant surprise when the box is opened. Of course you need not send flowers thus to a Spaniard, but it will be appreciated by any American. Unfortunately at the present we are often called upon to make a suitable funeral design for some dead young hero sailor or soldier; here are a few fine designs:

A well made crescent wreath of laurel leaves (Laurus nobilis); make the wreath full and round, having the leaves wired separately. Fix a fine pair of fresh cycas leaves, the stems going through the broad end of the wreath, the leaves resting on the narrow side of the wreath. Tie the stems to the wreath with a silk American flag, over which place a streamer of crepe. Such a design can be sold for from $15 to $50. Purple asters or white roses can be used instead of laurel, but they should be arranged very compact and the cycas tied more at one side.

Another one is a large flat wreath of white roses, with a large cluster of Meteors at one side and a bow of flag ribbon.

Then a flat cross made of Meteors, with a good cluster of valley at the head, with the cross resting on a large pair of cycas leaves, makes a beautiful

Philip Breitmeyer, Vice-President-Elect Society of American Florists.

design, or the cross can be made of valley or white roses with a cluster of Meteors. Tie a bow of ribbon on the cycas. Any of the above can be made for from $20 to $50.

Don't attempt or suggest crossed swords and guns, cannon or ships and such things. Simple artistic designs will give you more credit. Finish your work well. Wires, sticks, moss or tinfoil should never be visible on a well-made piece. D.

AMONG WASHINGTON GROWERS.

F. H. Kramer.

F. H. Kramer has 50,000 feet of glass devoted wholly to the production of cut flowers, practically all roses and carnations. His varieties of the former are Meteor, Bride, Maid, LaFrance and Kaiserin. He grows twice as many Meteors as of any other variety, having been very successful with it. His soil is a sandy loam and he gives the Meteor a night temperature of 65 to 70 degrees, while the other roses have about 60 degrees.

Kaiserin is grown for summer bloom only. The plants are on benches and are carried over several years. He has some in solid beds and from these he gets better flowers when the plants are several years old, but not so many of them, and they come more in crops. He is now tying down and drying off the plants, and will give no water at all till they are started up again in eight or nine weeks. He finds that the Kaiserin will come in crop quicker than any other rose that has been rested, and by starting them up the latter part of October the first crop should be in by Christmas. After cutting the Christmas crop he dries them off again, prunes out undesirable wood and starts them up again in only two or three weeks, and if the weather is favorable he may get the next crop in for Easter, but it is apt to come later. They are then kept blooming till dried off again in the latter part of August.

La France is still an important rose in Washington and is always in demand when the flowers are good. The variety is treated about the same as the Brides and Maids, though more apt to come in crops. Mr. Kramer has been successful in getting Christmas and Easter crops by giving treatment similar to that accorded the Kaiserin, but it doesn't come as fast as the Kaiserin and must be started up a couple of weeks earlier to get in by the same date. The first crop will have short stems, but there will be another crop only a week behind and these will have fine long stems, often three or more feet long.

In carnations he grows Scott, McGowan and Fisher. The latter is a poor winter bloomer but it gives a good crop of bloom in the field and he doesn't bench any carnations till after his chrysanthemums are gone. Of course this wouldn't do farther north, but in Washington it is usually safe. When Fisher drops off blooming McGowan is ready to begin. Fisher comes in again after Easter and it blooms very heavily till July. Scott blooms continuously and not so much in crops. McGowan works well all winter and is somewhat played out when Fisher takes hold in the spring.

Mr. Kramer is growing about 20,000 chrysanthemums this year, and his leading sorts are Bonnaffon, Pink and White Ivory and Mrs. Jerome Jones. Other varieties are Marion Henderson, Dailledouze, H. McK. Twombly, E. G. Hill, Robinson, Montmort and The Queen. The Pink Ivory comes a fine pink with him if the flowers are left on the plants long enough. As regards The Queen it is true that it drops its petals rather quickly, but he finds it a good seller just the same.

He will this year have a house of Crimson Rambler roses in 6-inch pots for Easter sales. The plants are now in the field and are growing like weeds.

C. Schellhorn.

C. Schellhorn has about 25,000 feet of glass, also devoted wholly to the production of cut flowers. His soil is a clayey loam with some gravel. His roses are La France, Bride, Maid, Kaiserin, Perle and Meteor. This will be his first year's experience with Meteor. La France is a leader with him. For winter work he grows it in raised benches. These are dried off in July, being careful not to allow the wood to shrivel, and the canes bent over. About September 20 they are started up and a thin mulch of rotted cow manure applied about an inch thick. He gets his first crop in from six to eight weeks, according to weather. Then a second crop comes in naturally for Christmas. The roses are then treated just the same as the tea sorts till July comes round again.

He is sometimes obliged to use a mulch of fresh cow manure and in such a case he applies it on a cloudy day and scatters a little soil over it, and is careful to give free ventilation both night and day to insure the escape of the ammonia, otherwise the foliage may be burned.

For summer flowers of the La France he uses both benches and solid beds. The plants on benches supply more flowers and they are easier handled. He dries them off the latter part of August and starts them up about ten or eleven weeks before Christmas and after the Christmas crop is cut he gives them tea rose treatment till August again arrives.

His treatment of the Kaiserin is the same as that given by Mr. Kramer.

He still grows some Perles but is continually lessening the space devoted to it, as he gets too many bull heads and the flowers sell less and less freely.

He will this season grow 2,600 chrysanthemums, including Bergman, Bonnaffon and Pink and White Ivory. He will also have a few lilies.

IF YOU want to buy you will find it to your advantage to buy of the advertisers in The Review. If you want to sell, you will find it to your advantage to advertise in The Review.

POINSETTIA PULCHERRIMA.

(From advance sheets of the Florists' Manual, by William Scott.)

This showy plant is now botanically classed with the euphorbias, but is still far better known to the trade as poinsettia. It is a native of Mexico and that infers that at no time should it be subjected to a low temperature. Since its introduction it has been a favorite in all collections of hot house plants, its brilliant scarlet bracts being unequaled as a decorative plant in the very darkest days of winter. Of late years it has grown greatly in popular favor with our flower-buying patrons and as the lily is now known as the Easter flower, the poinsettia may and is known as the Christmas flower.

They are often used for decorations when cut with two or three feet of stem, but are more satisfactory in every way when it is possible to use them in the pots. Although their fine leaves soon drop in a dry room, the showy bracts remain on for several weeks, always giving the purchaser good value for the cost, and as it is one of those plants which we never get returned "to keep for another season" it is satisfactory and profitable to grow, more so than the majority of plants we handle.

Old plants that have rested from January to April or May should be shaken out clean of any old soil, potted into 4, 5 or 6-inch pots as their size may require, the shoot or shoots shortened back only to the sound wood. Place in a warm, light house and syringe daily. In four or five weeks there will be a crop of cuttings. In taking off the cuttings leave one young eye at the old stem so that another break will give you another lot of cuttings. As most of your cuttings will go into the sand after you have discontinued firing, there will be no bottom heat; so the cuttings want shade and the sand must have a thorough soaking twice a day in warm weather. In about three weeks the cutting will be rooted. Lift carefully from the sand and pot into $2\frac{1}{2}$ or 3-inch pots. For the first few days, or till the young plants begin to make roots in the soil, keep shaded and moist by frequent syringing. When once they have got hold of the soil they want the fullest light, and in the warm months the greatest possible amount of fresh air.

The main object in the cultivation of the poinsettia is to obtain a stocky, sturdy plant, retaining all its fine foliage, as dwarf as possible, but crowned with a fine head of what the public call the bloom. Two shifts are enough; from the $2\frac{1}{2}$ to a 4-inch, and from that to their flowering pot, a 6-inch or in later struck plants a 5-inch. Batches of cuttings can be taken off at intervals from May 1 to end of August, the very latest propagated often making most useful little plants.

The poinsettia is very unsightly without its large handsome leaves, and these are too often seen drooping and yellow or entirely absent at Christmas time just when the plant should be at its best. There are three causes for this: First, a low temperature (60 degrees at night is the lowest they should ever be); second, starvation at the roots, either through an impoverished soil or insufficient root room, and thirdly, as common a cause as any, their roots being disturbed after they begin to form their bracts. A very important point to remember is that they should have their last shift never later than middle of October and two weeks earlier is better. They cannot endure their roots disturbed in the least when near their flowering period.

The best soil for them is two-thirds of rather heavy turfy loam, with one-third of well rotted cow manure, and at the last shift add one pint of bone flour to one bushel of compost. They are very liable to be troubled with mealy bug, which infests their flower umbel proper, but if syringed daily as they should be they are easily kept down. Greenfly also attacks them if regular fumigation is neglected.

If very large bracts on 5 to 6-foot stems are desired, you can plant out in 6 inches of rich soil some thrifty young plants in August. In this way you can get bracts 20 to 24 inches across.

Plants unsold, or those you cut for the flower, should be stored away in January either in a warm shed or beneath a bench where not a drop of water will touch them, and allowed to rest perfectly dry till started again the following May.

There is a so-called white variety seen occasionally which is certainly not worth growing, and there is a variety called P. p. plenissima, or commonly called the double. It is with me about ten days later than the type, but is very intense in color, stands travel and handling better and although not making such a wide stretch of bracts is most desirable in every way.

IMPRESSIONS OF BOSTON.

Boston was not looking her best that August day. A heavy fog hung over the harbor and a fine rain was falling. The streets were wet and slippery, the wind rushed round the corners in a way that made umbrellas useful only for keeping you dry above the belt. The whole effect savored strongly of an advance equinox. Yet the town was attractive. Who could forget it was the same dear old Boston that had so royally entertained us all just nine years ago? When nothing was too good for us and every moment of our too short stay was full of interest and enjoyment.

To a Philadelphian the town seemed surprisingly busy for midsummer; the streets were thronged with shoppers, the florist stores evidently doing considerable business. The retail places on Tremont street were a good deal like those at home in their general appearance, but there were one or two on Park Square that reminded one of Baltimore with their snowy window effects set off with a vase or two of bloom and a graceful festoon of some delicate green thrown over the frame work at the side or trailing from some tall vase on to the window seat below.

There were quite a lot of Kaiserins and Meteors to be seen, some Beauties, mostly short, and an occasional bunch of Brides and Maids that, as with us, looked a trifle run down by the heat just passed. Golden rod was beautiful, very rich in some of the windows, also gaillardia used in one neat arrangement with telling effect. Asters were quite plentiful and there were some carnations, but sweet peas, which had been superb in the August of the convention year here, were rarely to be seen. The hot, dry weather followed by the rain, 'twas said, had spoiled them. It was also intimated they had been overdone here in the past few years.

Among plants ferns were most prominent, and of these the Boston fern was easily first. It was in the stores, in the hotels, almost everywhere that any attempt had been made at adding a touch of refinement. Generally speaking this drooping Nephrolepis was thriving, and seemed at home. There was quite an assortment of other ferns, many of them maidenhairs and a goodly lot of rubbers.

At the City Hall cut flower market Welch Bros. were decidedly busy. Mr. Welch said John Young, of New York, had been there the day before—it is always pleasant to hear news of the family when away. The refrigerators were large and well arranged. Roses, carnations, bulbous stock, specials (roses) and fakir stock each had their separate ice box. Every grower's product was tagged with his number. Short Beauties were in active demand at $1 a dozen, the few selected with longer stems that were coming in brought $3. Prices way ahead of what they now bring at home. It was explained that July and August are fairly active months in Boston, partly owing to the summer visitors, also that as there is much less stock with no more business prices are apt to be higher now than in September and early October.

The co-operative cut flower market is a very interesting place. It ought to be a good thing—it is under a fine church on Tremont street. Seven years ago five or six growers organized this company, issuing sixty shares of stock at a par value of $25 a share. The stock was subscribed for by growers only, no grower being allowed more than three shares. When this $1,500 was paid in a State charter was secured. The market opened with thirty-five growers; it now has nearly one hundred and fifty. Practically all the Boston cut flower producers who bring their own stock into the city, excepting Messrs. Wood and Cotter, who sell from store to store—peddling it is termed.

Each stall in the market consists of a table three feet square on which the trays are laid, with corresponding spaces underneath, useful for slipping

the trays when empty. These stalls are rented for $42 a year, less $6 if prepaid. The stalls nearest the door and on the middle aisle are most desirable, so each fall an auction is held. The premiums from the sale of privilege to rent stalls last year realized $1,200. Mr. Walsh, the manager, opens the market at 6 o'clock each morning, by 7 all the growers are supposed to be ready for business, and by 8 o'clock business for the day is practically over. What stock remains unsold is put in the refrigerator, labeled by the grower, and left for the manager to sell if possible on a 10 per cent. commission.

So successful has the company been that the income from rents, privileges and commissions, after deducting all expenses, has enabled them to pay good dividends. Last year it reached 40 per cent. The stock is now worth $75 a share, seemingly a low figure. The retailers at first objected to the plan, but now find it a great convenience. To the growers, especially the small ones, it is an immense advantage, being practically now on a cash basis and saving much time. JOHN WELSH YOUNG.

Germantown, August 27, 1898.

AMONG CHICAGO GROWERS.

F. Calvert & Son.

F. Calvert & Son, Lake Forest, will grow only Bride and Maid in roses for the coming winter, having dropped the Beauty, which didn't do well with them. For summer they grow Kaiserin and Testout.

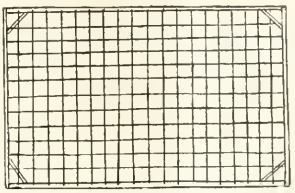
They are trying an experiment with the idea of reinvigorating their rose stock. A year ago last May they put 50 plants each of Beauty, Bride and Maid in 3-inch deep flats and these were left out until there was a good freeze in the fall when they were placed in a cool cellar where bulbs are stored and left till March. The plants were then shaken out, potted up and started in a cool house and later planted out in beds under glass to supply wood for propagating. They think they have put some new strength into their stock by giving this complete rest.

All their carnations are now planted in under glass and they find this plan gives results much superior to growing on in the field. With them Flora Hill has been first rate and the plants have lifted splendidly. Daybreak is standard with them and Bridesmaid is fairly satisfactory. Jubilee has done well and has shown very little rust. McGowan is a good white yet and they still grow Alaska, more for spring work, though may drop it soon. Scott doesn't do well with them. They have a very heavy soil and give their carnations a night temperature of 50 to 55 degrees.

NOTE OUR department devoted to the retail florist. In this department will appear weekly the very latest regarding the arrangement of flowers in the leading New York stores, with handsome illustrations of arrangements that may prove useful suggestions to our readers.

OUR PRIZE COMPETITION.

We present herewith a second installment of entries in our prize competition for best labor-saving or valuable device useful to florists:

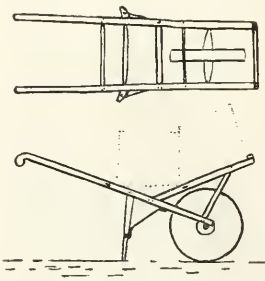


No. 4.
Support for Bedded Plants.

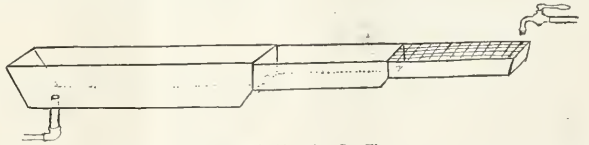
No. 4 is a support for bedded plants such as carnations, asters, mignonette, etc. It is a wooden frame made of wooden strips about one inch square, made the same width as the bed, and of convenient length (6 to 8 feet) to be easily handled. Wire or string is stretched both ways to make a 3-inch mesh. Or 3-inch mesh wire netting makes a good cover. These frames are easily supported above the plants at the proper height by the means of stakes driven in the ground; or the frames can rest on wires stretched horizontally from the roof support pipes. Well made frames of this sort will last a number of years and can be used in an upright position for vines. B.

No. 5 is a most convenient wheelbarrow to use in taking soil in and out of the greenhouses, where the ordinary wheelbarrow cannot be used. Although it is about 6 feet long and wide enough to hold two good sized soap boxes filled with earth, it can be easily run in the most narrow walks, also turned at the average short turns at the end of the greenhouses. B.

No. 6 shows at a glance the proper way to keep cut flowers over night in the dark cellar. Make depth of troughs to suit length of stems of the flowers you grow. For violets use a frame of 2-inch wire netting over trough to support the bunches. Have stopper at lowest end, which should be opened the first thing you do when you go to pack, which will allow the water to run off and stems to drain off surplus water, while you are preparing your boxes. B.



Convenient Wheelbarrow.



No. 6. Method of keeping Cut Flowers.

PHILADELPHIA.

Business Conditions.

Business is improving a little. Flowers are becoming a little more plentiful, especially Beauties and asters. The plant business is showing slight but unmistakable signs of awakening.

Girard College.

The grounds of Girard college embrace forty-three acres, and Mr. Geo. Huster is the superintendent. I was not fortunate enough to find Mr. Huster at home and was obliged to wander unguided through the grounds. In front of the main building was a very striking bit of color formed by a number of medium sized coleus, croton and geranium beds, arranged in a geometrical figure on each side of the approach to the building. The plants were excellently colored. There were some fine cannas and some palms outdoors.

There are two ranges of glass; one, the smaller, is devoted to palms and stove plants. I was particularly interested in the shading, which is practically the same as employed for keeping out the sun in a house. By weights and pulleys, curtains of shading cloth are raised or lowered easily and quickly. The larger range of glass is devoted chiefly to cut flowers. There is a very fine house of American Beauties, quite as fine as any about this city; Brides, Maids, La France, Testout, Belle Siebrecht and Mosella are the other varieties. The latter is new to me; it appears a fairly vigorous

grower with small blooms. There is a wealth of chrysanthemums, many specimens in pots both inside and out, and a bench planted for cutting. The most beautiful sight of all was a house with the roof covered with allamanda in full bloom; the rich yellow flowers hung in great profusion from their leafy stems. I regret being unable to say whether this allamanda was Hendersonli; none of the men knew. The houses were scrupulously neat and clean.

The Gun Club.

The Gun Club did fairly well at the monthly meeting of the Trap Shooters' League on Saturday. Seven clubs competed, the two that came out ahead of the florists' team being aided by their handicaps. The score follows:

	Possible.	Hit.
Anderson	26	22
Ball	26	15
Cartledge	27	21
Landls	27	24
Park	27	21
Smith	26	24

J. W. Y.

THE FLORISTS' REVIEW

G. L. GRANT, EDITOR AND MANAGER.

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BOSTON.

Review of the Market.

Of the few growers who are fortunate to have flowers to sell, it is hard to find one who is not satisfied with the week's business. The retailers have been busy with funeral work and white flowers have been in excellent demand. Asters seem to have the call and sell well, white ones bringing $1 per hundred, as also the light shades of pink. A few Semples were brought in on Friday and the lucky grower got 3 cents apiece for them. Roses are in fair demand, Brides and Maids selling at from $2 to $4 per hundred. Kaiserins of good quality are scarce, easily bringing $8. Meteors range from $2 to $6 per hundred. Beauties in limited quantity; quality poor, although Welch Bros. are having some nice ones shipped to them from New Hampshire, which sell quickly at from $2 to $3 per dozen. The supply of white carnations from out of door growing has considerably increased, but as the demand is equal to it, they sell readily at from $1 to $1.50 per hundred. Colored carnations are very scarce, only a few insignificant blooms from old plants, and a very few out of door Scotts being seen. There is no market for the rubbish, but the Scotts will sell quickly at $2 per 100. Lilium lancifolium album sells fairly well, bringing 4 cents, while some exceedingly well grown tuberoses bring 6 cents. Odds and ends of white flowers sell fairly well, the call being for funeral work.

News Items.

W. W. Tailby, of Wellesley, is spending a week at Camp Dalton, Framingham. He is a member of Company A, cavalry, M. V. M.

Dr. Campbell, of the Raybrook Garden Co., Manchester, N. H., is spending a few days at Nantasket Beach.

The convention delegation arrived home on Wednesday, well pleased with their trip.

Wm. Appleton, of Providence, made a business trip to the Hub this week.

W. K. Harris, represented by Mr. Skidelsky, has samples of his palm stock on exhibition at Geo. Sutherland's. Philadelphia palms take well in this market.

J. Warren Clark, of Millis, Mass., exhibited some excellent seedling gladioli at the hall on Saturday, including a vase of a fine, very light yellow, called Yellow Bird.

The annual sale of choice of stalls in the Co-operative market will take place on Saturday, September 10. Jas. T. Carroll will be the auctioneer.

The usual autumn exhibition of the Massachusetts Horticultural Society will take place on August 31 and September 1, and bids fair to outdo all former shows. P.

CHICAGO.

The Market.

There is practically no change in prices from last week though the supply is not quite so large, quality improved somewhat by the cooler weather, and fewer sacrifices. Everything of really good quality seems to be moved at the moderate rates prevailing and the tone of the market seems very healthy. Several dealers report results to be very much more satisfactory than at the same period a year ago.

Various Notes.

Mr. Swain Nelson has presented to the Chicago Historical Society the original plan for the first sixty acres of Lincoln Park. Mr. Nelson made the plan in 1865 and it was accepted by the city council in September of that year. The first appropriation for the work of embellishing the sixty acres amounted to only $10,000. The park now contains 309 acres and last year the sum of $160,000 was expended in maintenance and improvements.

Frank Peterson, a printer who has been in the employ of E. H. Hunt for the past five years, died Aug. 27 of heart disease.

Mr. J. L. Dillon, Bloomsburg, Pa., passed through the city last Thursday on the way home. From Omaha he travelled through Nebraska and then visited St. Paul and Minneapolis, making brief stops at Chicago and Buffalo before returning to Bloomsburg.

Mr. Thomas Appleton, formerly a well known grower at Lake Forest, is now engaged in landscape work, and has carried out some important work in various parts of the country.

Mr. M. Rice, of M. Rice & Co., Philadelphia, was a visitor this week, as was also Mr. W. H. Ellis, of Milwaukee.

Theodore Hitzler, a florist at Irving Park, was seriously injured in a collision with a street car, August 8. He was thrown violently from his wagon and it is feared he may be permanently disabled.

Bowling.

Only four bowlers turned up at the alleys last Friday evening. The 200 mark was passed by Geo. Stollery, who is forging steadily to the front as a bowler. Following are the scores and averages:

	1st.	2d.	3d.	4th.	5th.	Av.
Geo. Stollery	165	161	204	128	128	157
Fred Hills	118	146	153	112	167	139
F. Stollery	142	140	126	139	120	133
J. S. Wilson	129	147	122	100	143	128

NEW YORK.

Bowling.

The Flatbush Bowling Club meets every Thursday evening at Swalsback's Academy, Flatbush, for the purpose of thorough enjoyment. There isn't a more manly or generous company of florists anywhere; they are the only section of the New York Florists' Club who refuse to adjourn for the summer. On last Thursday evening a committee from the Gardeners' Society invited the Flatbush boys to send a team to their bowling tournament to be held on September 10. The invitation was accepted, and President D. Y. Mellis is now busy coaching his team of crack bowlers. There will "be a hot time in the old town" September 10. If Brother Scott or any of those St. Louis champions happen to be in New York that night they are cordially invited to buck up against some of the amateurs who were not at Omaha.

Business Conditions.

Business is scarcely an agreeable topic to write about just at present, but we will have enough of it later on.

Death of Wm. Tiffany.

Lieut. Wm. Tiffany, of the Rosary Flower Co., died at the Parker house, Boston, August 25. He was an ardent advocate of all that was most beautiful and artistic in our business, and his death will be greatly felt in the society elements connected with the florists' trade.

Notes.

Thos. Young has returned from Europe, looking all the better for his trip. D.

ST. LOUIS.

The Market.

The weather is dry and hot and the growers report they are very much in need of rain. Reports from store men indicate that business has been very quiet during the past week and had it not been for occasional funeral pieces, business would be at a standstill.

The few cool nights this week here improved the quality of stock somewhat, but the demand is very light and all stock plentiful. The only shortage is in first class Beauties for which there was some demand, but very few to be had. There seems to be a good crop of Kaiserin coming in now, also some good Brides and Maids, which sell at $2 and $4. Good Perles are also seen at $2.

Carnations are not overplentiful and are looking better than they have for some time; price on all kinds $1 per 100.

Hydrangeas are about gone and the few in the market bring $4. Tuberose stalks are a glut and are very fine, especially those that come from Armstrong's; price $2 and $3. Gladiolus, too, is plentiful, but very little sale for them. Clematis paniculata is in bloom now and is being used in very choice funeral work.

Florist Club.

The next meeting of the Florist Club will be held on Monday night, September 12, at 7:30 p. m. President-elect Sanders will be installed, also the other officers. President Halstedt expects a very large attendance and matters of great importance to all the members will come up, also some very interesting stories will be told by the members that went to Omaha.

Fred Weber and John Young will be back in time to tell of their trip through Colorado and Kansas.

The committee in charge of the chrysanthemum show has everything in good running order and quite a few new features will be added this year. The show will excel any previous efforts. We have now over $2,000 subscribed as special prizes. This is a good beginning and they say that they are not done with subscriptions yet.

Notes.

At the annual harvest gathering of the Schwaben feast Sunday and Monday, at Concordia Park, the chief attraction was the decorations and the superb work of the Beyer Bros.

The St. Louis Cut Flower Co. will have a special sale of palms and ferns. The sale will last throughout this week at Magnolia and Tower Grove avenues.

Mrs. C. A. Kuehn and Charlie, Jr., are spending a few weeks at Detroit, the former home of Charlie Kuehn. Charlie will feel like at home next year during the convention.

Mr. and Mrs. F. C. Weber and John Young and daughter write that they are having a fine time at Colorado Springs, Colo., and expect to be home by the latter part of next week.

Tom Peterson reports that he is now employed at Mr. Millikin's private place on Belt avenue. Tom has the place looking in fine shape. He is also one of our old time bowlers and expects to bowl with the boys every Monday night after this.

Bob Tesson and E. W. Guy will, at the next rolling of the Bowling Club, become members and roll regularly with the teams on Monday nights.

IT WILL BE to your advantage to mention The Florists' Review every time you write an advertiser.

$50.00 in Prizes!

The Florists' Review offers the above amount for a description of some really valuable and practical labor or money-saving unpatented device or method of culture of benefit to florists, that has not yet been published. If a drawing is needed to make the matter plain, it may be of the roughest character.

The awards will be made entirely on the practical value of the device or method, though a well worded description and intelligible drawing will be desirable.

First Prize, $25.00
Second Prize, $15.00
Third Prize, $10.00

If you know of some useful labor or money-saving device or method of culture of which a description has not yet been published, you can easily win one of these prizes, and if you know several such you may be able to win them all.

Make your descriptions as brief as is consistent with clearness. Remember that simple devices are more generally useful than elaborate ones. What are wanted are those that will prove most valuable to the great mass of the readers of the Florists' Review. Competition open to all.

The prize-winning descriptions (and drawings, if any), will be published in the Florists' Review. And should others seem worthy of publication they will also be given space as opportunity offers.

Address

Editor Florists' Review,
520-535 Caxton Bldg., CHICAGO.

CLEVELAND.

The Market.

The cut flower trade has been somewhat better for the past week, funeral work predominating. Good stock is scarce. Roses are improving. Carnations are fair. Asters are about the same. Some good Mary Semple are coming in (Semple's Pink). Japan lilies are still in demand with a good crop. They are about the best flower to be had and are used extensively for funeral work; $1.50 per dozen is the price quoted. There is a good demand for Beauties, selling from $2 to 4 per dozen. Other roses retail from $1 to $1.50 per dozen. Good carnations bring 30 cents; average stock, 25 cents. Tuberoses sell at any price. The street fakirs have quite a stock of them.

Among the Growers.

Mr. D. Livingston, of Crawford road, has put up five new houses, making quite an improvement at his place. Mr. Livingston has had such success in the past year with sweet peas that he will devote his largest house to this flower. He expects to have them in by October 1, and start cutting by the middle of February. He had an exceptionally good crop the second week in March this year.

J. M. Gasser will have his seventh new house finished by September 3 at his Lakewood place. These houses, eight in number, seven 23x165 and one 65x210, are used for growing roses. In addition to a general line of standard sorts he will also devote some space to his new Cleveland rose. This is a good one, somewhat resembling Carnot, but more double and of a finer tint. He can cut more Cleveland than Carnot on same number of plants.

He also has a large palm house at the same place. Next week he will commence to put up two more at his Rocky River farm, one a violet house. He has twenty houses at Rocky River, which gives him 150,000 feet of glass.

The carnations grown this season will be for white—Lizzie McGowan, White Daybreak, Flora Hill, Evelina and White Cloud; pink—Scott, Victor, McBurney and his pink seedling; for scarlet—Outcast, Jubilee and Queen of the West; yellow—Mayor Pingree, Buttercup, Eldorado and Gold Nugget; the latter he claims is the coming yellow.

Mr. Ed Fetters, of Smith & Fetters, has gone east. He will buy a stock of palms and ferns for the greenhouse which they intend to build in the rear of their store, the plans for which are about complete. This will add greatly to their store and make it convenient for filling ferneries.

Notes.

Miss Minnie Binder, of J. M. Gasser, attended the convention at Omaha. She must have had a good time, judging from her letters. She likes the west very much, so much so that she has not yet returned.

Mr. Fred Blecker is spending a week at Columbus, O.

Miss Vida McCullough will leave September 10 for two weeks' stay in New York.

Mr. C. Betscher, of Canal Dover, was in town. Also Mr. Linn, of McElroy & Linn, New Philadelphia.

It is with regret that we announce the death of Mr. Jenkins, of Ravenna. His family has the sympathy of the florists of Cleveland.

President William McKinley is in the city for the week. Consequently there has been a demand for choice stock. Owing to the illness of Mrs. McKinley, the dinner party arranged by Mrs. M. A. Hanna, which promised to be an elaborate affair, was called off.

O. A. C. O.

AMONG BOSTON GROWERS.

Geo. Cartwright's.

At Dedham, we called on our old friend, George Cartwright, and found his stock in fine condition, in fact, he had the finest lot of carnations we have seen this season. His principal house, one he built a year ago, 160x20, is devoted entirely to carnations, and he is a firm believer that to improve quality and to keep repair expenses down to a minimum, solid beds are preferable to benches, and his success last year more than convinced him that he was right. This house will contain about 4,500 plants, of which Scott will be the principal variety, with the balance divided between Flora Hill and Wellesley. He has also a fine lot of Freedom

HEADQUARTERS FOR

All the Novelties...
All the Standard Sorts

W. ATLEE BURPEE & CO., PHILADELPHIA.

and Daybreak which he proposes to sell this fall.

A house 160x20, and a house 180x16, are now full of Jacque roses, all in pots. These he will soon dry off and rest preparatory to winter forcing. For a fall and early winter crop, Mr. Cartwright grows chrysanthemums, handling them altogether in pots 7 and 8 inch. Ivory is his principal variety. These are all grown to about four or five stems and fill up entirely the two latter houses. He grows them during the summers months, out of doors, in temporary frames. His Jacques, which crop will follow the chrysanthemums, he brings in at different times so as to keep up a continuous crop. He usually begins cutting about the first of February and continues up to the first of May. It takes about 3,500 pots to fill up his space. In addition to these crops, Mr. Cartwright forces about 20,000 bulbs, principally Roman hyacinths and Von Sions.

Peter Fisher's.

About four miles from Dedham is Ellis, the home of that grand carnation, Mrs. Thos. W. Lawson, and we found the genial originator, Peter Fisher, hard at work preparing to house his stock of nearly ten thousand plants. The most of these are planted in the open ground and considering the excessive wet season, have made fairly good sized plants. A lot of late struck cuttings in 4-inch pots looked very nice and stocky. Mr. Fisher will devote a little space to other varieties and to a fine lot of seedlings, and we trust that among them he will obtain another of the same type as the "Lawson."

Tom Tapper's.

At Canton we run across our old friend, Tom Tapper, who has obtained quite a reputation as a successful grower of Dutch bulbs, making a specialty of named hyacinths, which he disposes of at wholesale in the Boston market. Mr. Tapper caters for a local trade, and has to grow quite a lot of odds and ends to supply the demand of retail customers. Mr. Tapper is one of the old timers, being one of the original eleven who started in the flower business in Boston and vicinity at the close of the civil war.

IF YOU HAVE anything to sell to the trade, offer it in an adv. in The Review.

YOU CAN EARN $25.00 by a few minutes' work if you know of a really valuable labor-saving device or method of culture, a description of which has not yet been published. See details on another page.

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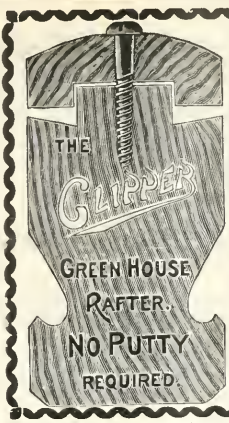

Butted Glass.

This is no longer an experiment, it has come to stay. There are various ways of making Butted Roofs, but the best way is with the

Clipper Bar.

With this bar you can make a roof that is absolutely free from drip, and glass cannot be torn out by the wind. Butted glass makes a tight roof, a warm house and saves fuel. It lasts longer, looks better and costs less than the old-fashioned roof. But do not think that this is the only bar we sell, for it is not; we furnish what people want and there is nothing in greenhouse material that you cannot get from us, and all of open-air-dried Cypress clear of bright sap, stained sap, knots and all other defects.

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Write for Circulars or Estimates.

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FOR SALE—Four greenhouses, nearly new. Good retail stand. A. CIAUS, Springfield, Ill.

SITUATION WANTED—By single florist. German-American, age 25, 10 years' experience in all branches; good floral worker; sober and trustworthy; salary $15.00 per month. Only responsible parties need answer. References. Address V, care Florists' Review.

FOR RENT OR SALE—First class retail stand. 5,000 feet of glass. New. In city. Ought to net good man at least $3.00 per day. Must buy stock, about $500.00. Reason for selling, failing health. Address "Illinois," care Florists' Review.

FOR SALE—First class florists' store in Chicago. Excellent trade, established fifteen years. Owner desires to devote his whole time to other business. An unusual opportunity. Address Max, care of Florists' Review

SITUATION WANTED—By expert grower of plants and cut flowers. Competent in every department. Seeks a situation where he may have a chance to make his services worth more than in his present place. Can surely advance his employer's interests if given suitable opportunity. Address S. D., care Florists' Review, Chicago.

WANTED—By young lady, position in cut flower store. Is competent in general design and decorative work. Good reference. Address J. J., care of Florists' Review.

WANTED—Man with from $1,000 to $1,500 in the florist and hot house vegetable business. Full details given. No triflers. Address Vegetables, care of Florists' Review.

FOR SALE—Six greenhouses (6,000 feet of glass) all in good condition and well stocked; all modern improvements; located in one of the principal cities of Southern Michigan, with population of 4,000. No competition. Have other business. Must sell. Address C. H. Peck, Hudson, Mich.

WANTED—First class beauty grower, to work under foreman. None others need apply. E. Buettner, Park Ridge, Ill.

WANTED—Single man of good, steady habits, who understands rose and carnation growing. For further particulars, address C., care of Florists' Review.

SITUATION WANTED By capable grower, German, married, near Chicago. Grower of roses, carnations, 'mums and general stock. References. Address F. S., care of Florists' Review.

WANTED—Position as foreman in first class establishment by one who learned thoroughly in England the trade of gardening, and has followed the florist business for ten years in this country. Will take nothing but first class place and will start at $60.00 a month, with chance of raise after showing ability. Good references. Address Hemb, care Florists' Review.

SITUATION WANTED—By a strictly temperate, all around man. Good propogator, care taker, designer, and understands the care of roses and carnations. Very best of recommendations. Address K. C., care of Florists' Review.

POSITION as traveling salesman. Experience. Address, C. D. B., care of Florists' Review.

WANTED—First class man who understands the business and is thoroughly acquainted with the growing of roses and carnations and all other florists' flowers. Address M. M., care of Florists' Review.

TO RENT—To reliable partner, 11 greenhouses, 16000 feet of glass, store, 7-room house and barn. Business established 15 years, rebuilt last year. Finest location in Chicago. Or will sell the greenhouses; cause, poor health. Garfield Park Floral Co., 1688 West Madison Street, Mrs. Decker, proprietor.

FOR SALE—Four greenhouses, 6000 feet of glass; well stocked; business good; in a growing Pennsylvania town. A bargain. P., care of Florists' Review

SMILAX. Fine stock, ready to run soon as planted, wintersown and several times headed back, 2½-inch pots, $2.50 per 100.

Bougainvillea G. Sanderiana. 3-in. pots, $1.50 per doz., $10.00 per 100.

Roses. Bride and Bridesmaid, 3½-in. pots, $5.00 per 100.

Cyperus Alternifolius. 2½-in. pots, $2.50 per 100.

Grevillea Robusta. 2¼-in. pots, $2.50 per 100.

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1,000 Yucca Aloefolia and Variegata, field grown, 6-8 inches, $5 00 per 100.
500 field grown Roses—Rambler, Souperts, Queen Scarlet, etc., $6.00 per 100.
Or will exchange for good field grown Carnations.

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You will see that you can buy everything that you want to just as good advantage from advertisers in the Florists' Review as elsewhere, and at the same time benefit yourself by increasing the earning power of your certificate.

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You get the best paper in the field and a share of its earnings.

Send in your subscription now. Address the Florists' Publishing Co., 520-535 Caxton building, Chicago, Ill.

TOMATOES.

Mr. H. Stevens, grower for the South Mountain Gardens, Milburn, N. J., is very much pleased with Sutton's Best of All and Frogmore tomatoes. They are now receiving 15 cents a pound for the fruit and are offered 35 cents a pound for them for the coming winter. The fruit is very handsome and the flavor far superior to that of any other tomatoes on the market.

HUNT'S REVIEW OF THE CHICAGO MARKET.

The past week has shown no improvement, which was not to be expected, however, as we are still within the limits of the summer season. The cool weather earlier in the month has been followed by a spell of extreme heat, and as a result, business suffers, while the quantity of stock sent in has increased considerably.

Beauties are showing some improvement in way of size and stem, but the heat has taken out some of the color. Maids and Brides still run small and poor. Perles are good, but do not keep long.

Carnations average fair only, but unless disposed of the same day as cut, are practically unsalable. Asters are coming in much better, the later varieties, notably "Semple's," being very fine. Gladioli and tuberoses in fair supply.

MORRISTOWN, N. J.—The Morris County Gardeners' and Florists' Society will hold an exhibition here November 1 and 2 next. The premium list has been issued and copies may be had on application to the secretary, Mr. C. H. Atkins, Madison, N. J.

MT. VERNON, N. Y.—Mr. Herman Bowman, the florist, was married Aug. 28, the bride being Miss Anna Nack.

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Write for Prices on ROSE PLANTS. **51 Wabash Avenue, CHICAGO.**

TO THE PUBLIC:—The very great interest necessarily attached to appended letter is our apology for seemingly violating all precedent in making public what was intended as a strictly private communication.
W. S. HEFFRON, MANAGER.

FERNWOOD, MICH., 8-23-'98.

Mr. E. C. AMLING,

Wholesale Cut Flowers,

51 Wabash Avenue, CHICAGO, ILL.

Dear Sir.—Having been for many years a firm believer in **SPIRITUALISM**, alcoholism and rheumatism; while in Omaha attending the late lamented convention, I could not resist the opportunity of visiting the celebrated **FORTUNE TELLER**, Herr Schneickelhannas. The distinguished seer received me with cordiality. Upon stating that I had come to him for information concerning my **FUTURE LIFE**, or rather, business prospects, the formality over of my crossing his palm, he crossed his legs and lapsed into a **TRANCE**. This lasted for a short time only. Upon regaining his senses, the wizard stated that in the whole course of his long and varied experience he had never had so easy a task, he then spoke as follows: "You are a florist and have had many sad experiences in obtaining good stock for a fair price. You have been over-reached, early and often. From now on buy your flowers from Amling and you will **MAKE MONEY.**" I need not tell you that I felt that my money had been well spent. With a light heart I went on my way rejoicing.

Please put me on your mailing list. Yours very truly, A. JOSH.

P. S.—My money is good and I always remit promptly, which I am told is more than everyone does; so in case I send you an order, which I shall, as soon as I receive your price list, you can govern yourself accordingly. In case you wish to investigate my credit I will refer you to the Sand Bank of Mound City.

P. S. Again. What interest can I get in your city? I expect to have money to loan.

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Seaforthia Elegans.

We have a very fine lot of these in 2½-in. pots, (ready to shift) 3 to 4 leaves, stocky and clean, $1.00 per doz., $7.00 per 100. Light packing, lowest express rate.

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EXTRA HEAVY CLEAN ...STOCK...

Kentia Belmoreana

6-in., 5 to 7 leaves, $15.00 to $24.00 per dozen.
5-in., 5 to 6 leaves, $12.00 per dozen.

Kentia Forsteriana

6-in., 5 to 6 leaves, $12.00 to $18.00 per dozen.
5-in., 4 to 5 leaves, $ 9.00 to $12.00 per dozen.

Field-Grown Carnations

A fine lot will be ready for Sept. delivery.

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Cyclamen Persicum in four colors, fine plants, 4-in., per 100, $12.50. **Roses** Souv. de Wootton and Bougere, 4-inch, per 100, $5.00. **Field Grown Carnations,** Jubilee, Armazindy, Mayor Pingree, per 100, $7.00. Alaska, McGowan, Kohinoor, Daybreak, Rose Queen, Scott, Dorner and W. D. Sloane, per 100, $5.00. Cash with order.

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Write for prices on car lots.

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TORONTO.

Exhibition excitement is now at about fever heat. The formal opening takes place tomorrow and the boys are all busy taking in their plants today. There is every appearance of the horticultural part of the show being larger and better than has been seen here before. Mr. W. Scott, of Buffalo, is to judge the plants this year instead of cut flowers, etc. His job will be no soft snap.

The Canadian Horticultural Association (not Society) convention will be held in St. George's Hall on Wednesday the 7th of September, and in the Administration building at the Exposition grounds on the 8th. The program has been published and has an attractive appearance at any rate. It is to be hoped that there will be a good turnout of the profession and those interested, so that the association may be given a good sendoff at this its first real regular meeting.

The Horticultural Society had its weekly outing last Wednesday and met at the Steele Briggs Seed Co.'s greenhouses, King St., E. About a dozen were present and spent a most enjoyable and instructive afternoon. Mr. John Riggall, the foreman, and Mr. S. E. Briggs showed the company around the greenhouses and trial grounds. The former must be congratulated on the high state of order and cultivation of everything both inside and out. And the thanks of the society are due to the latter for his kindly reception of those who were lucky enough to be present.

Carnation planting is well under way now and in many places finished. The weather lately has been a little more favorable, there having been some rain. The plants in the majority of cases were in very good shape for moving and should come along well.

DELAWARE, O.—Jos. H. Cunningham lost 150 square feet of glass by hail, Aug. 16. Loss was covered by insurance in the Hail Association.

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Roman Hyacinths, white, 12-15, per 100, $1.90; per 1000, $18.00. Roman Hyacinths, white, 13-15, per 100, $2.25; per 1000, $20.00.

Selected bulbs Freesia Refracta, per 100, delivery included, $3.50; 250 bulbs at 1000 rate. 5 per cent. discount for cash.

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Finest Yellow, White, Blue, Black, Red, Pink and Lavender shades, in separate colors, $1.00 per pkt. All large flowering.

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Well Grown, Leafy Plants.
8-inch pans, $1.50 each, $18.00 per dozen.
6-inch pots, $1.00 each, $12.00 per dozen.
JOHN WELSH YOUNG, Germantown, Pa.
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NEW CROP SEEDS.

We beg to offer to the trade the following HIGH GRADE seeds, strictly NEW crop:

PANSY. Hunt's Unrivalled Mixed. The standard high grade mixture for Florists. 1 oz., $8.00; one eighth oz., $1.00; trade packet, 25c.

Giant Trimardeau Mixed. Our own mixture of all the named varieties of the Trimardeau Pansies. 1 oz., $3.50; one quarter oz., $1.25; one eighth oz., 75c; trade packet, 25c.

Fine mixed; a mixture of all the Bedding Pansies, containing over THIRTY varieties. 1 oz., $1.00; quarter oz., 25c; trade packet, 10c. And all the leading NAMED varieties; for price of these please send for our circular on PANSY SEED.

SMILAX SEED. Trade packet, 10c; oz., 25c; quarter lb., 90c; lb., $3.25.

CYCLAMEN PERSICUM GIGANTEUM. Grown for us from our own stock seed. Hunt's strain of Cyclamen is known generally by the trade. Bright red; white, pink throated. Mixed, including all the desirable colors. 100 seeds, 75c; 1000 seeds, $5.00.

PRIMULA SINENSIS FIMBRIATA. Our experience has enabled us to obtain the very best varieties of this important class of Florists' stock.

Single White	Trade Packet,	350 seeds,	50c	Double White	Trade Packet,	50 seeds,	50c
" Red	"	350 "	50c	" Red	"	50 "	50c
" Kermesina Splendens	"	350 "	50c	" Mixed	"	50 "	50c
" Mixed	"	350 "	50c				

PRIMULA Obconica Trade Packet, 25c
CINERARIA Hybrida Grandiflora " 50c
CALCEOLARIA Hybrida Grandiflora Trade Packet, 50c
GLOXINIA Hybrida Grandiflora " 50c

For a complete list of Florists' Flower Seeds see our general catalogue, sent on application. Address

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Also a large stock of field grown CARNATIONS, of the leading varieties, $3.00 to $5.00 per 100.

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CARNATIONS.

H. WEBER & SONS, - OAKLAND, MD.

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A BERMUDA REPORT.

A report has been issued by G. A. Bishop, superintendent of the Public Gardens, Hamilton, Bermuda, of his investigation as to the causes of the lily disease. The causes reported are summarized as follows: "Heavily manuring with farmyard manure; repetition of the crop upon the same ground; reduced vitality; bad selection of stock; in some cases insufficiency of plant food. All of which assist to render the bulb prone to an attack of fungi or soft rot. When the fungi or rot has taken possession of the bulb it causes its roots and base to become rotten, after which it is liable to be attacked by the eucharis mite."

As remedial measures he suggests a more thorough preparation of the soil, through trenching, rotation of crops and the careful selection of stock free from disease. He also recommends the treatment of the bulb scales with a fungicide, and searing the fractured end with a mixture of half lime and half sulphur before they are planted out for the increase of the stock, and the prompt destruction of all affected bulbs and scales.

He also gives extended instructions as to the use of both natural and artificial manures and recipes for various fungicides. He believes that by careful attention to his instructions the lily industry in Bermuda can be brought back to its former condition of prosperity.

WATERED ARTIFICIAL PALMS.

A Michigan reader writes that he recently ordered a few artificial palms that remained several days in the freight house, and as a result he received a polite note from the freight agent to call for them as he was afraid they would wilt. On sending for them the clerk in charge stated he had watered them each morning. And most remarkable of all the artificial palms hadn't wilted a particle.

CLEVELAND.

Krebs & Fischer have dissolved partnership and the business will be continued by John J. Krebs at the old stand at 1609 Lorain St.

OSKALOOSA, IA.—The Kemble Floral Co. have six rose houses, each 20x150, devoted to Brides, Maids, Meteors and Beauties, a palm house 20x150, a fern house of same dimensions, two carnation houses each 25x150 and a smilax house 25x150. They do considerable shipping as well as a local trade.

A LETTER FROM A

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"The cutting was struck in January and put in a 4-inch pot about the first of February. Five weeks later it was shifted into a 6-inch pot; in May being given another shift into an 8-inch pot, in pure Jadoo Fibre. Later shifts were made in the same material, and about August 1 the plant received its final shift into a 13-inch pot, in which it was exhibited. When the buds were set I started watering with Jadoo Liquid according to directions about twice a week, gradually increasing the strength until the blooms were half developed, when a little of the Liquid in a much weakened form was given."

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Very truly yours,
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Yours truly, E. ASMUS.

Write for Prices, Circular and Special Discounts for early orders.

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It will be a whole library in itself.

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Elderado..... 7.00 "
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Florists' Review

MILWAUKEE.

Business is showing a slight improvement owing probably to favorable weather and the opening of the theater season. In roses Kaiserin and Meteor are the best and new crops of Perles, Brides and Maids are also coming in, but short stemmed and rather soft.

In carnations Scott seems to be the best in field grown stock.

C. C. Pollworth and Nic Zweifel have returned from Omaha after taking a side trip west after the convention. Many of the stay-at-home florists regret not making the trip to Omaha after hearing and reading the reports of the pleasant times had by their brethren. Detroit being more convenient for the next meet a larger delegation can be looked for from here. A bowling team will probably be in the field for the Evans cup next year.

Wm. Edlefsen is building a few new houses at his North Milwaukee place and has also added a conservatory in the rear of his retail establishment on Third street. Geo. Volk intends opening up a flower store on Milwaukee street, which will make four florists in one block. Otto Sylvester was in from Oconomowoc purchasing glass for four new houses.

Mr. M. Rice, of Philadelphia, was a recent caller. GEO. W.

SEA BRIGHT, N. J.

The exhibition of the Monmouth County Horticultural Society was held in the Casino here August 31 and Sept. 1. Harry A. Kettel, Sea Bright, N. J., is secretary. The display was mainly decorative foliage and flowering plants and various cut flowers, competition being open to gardeners only. There were also classes for amateurs only, for florists and for school children. The fruit and vegetable classes were open to all. Mr. N. Butterbach, Oceanic, N. J., is an active member of the executive committee.

FINE GLADIOLI.

Mr. Frank Banning, Kinsman, O., sends us a box of gladiolus flowers, showing many fine colors and markings. Certainly nothing richer could be asked for than the flowers he sent us. We congratulate Mr. Banning on the excellence of his stock.

PONTIAC, ILL.—Trade has been very good this summer. W. J. Miller is building a new house 10x57, three-quarter span. His stock is all in fine condition. He has some 800 violets benched that are in splendid shape, also mums and roses. He is now preparing to bench his carnations, of which he has about 2,000 fine plants, including Jubilee, Triumph, Daybreak, McGowan, Flora Hill, Bradt and a few Pingree.

FREMONT, NEB.—Mr. Green, of Green & Nicol, is rejoicing over the arrival of a son August 17.

Araucaria Excelsa, (Norfolk Island Pine)

We have an unusually large stock of fine plants of this beautiful decorative plant, especially of the small and medium sizes, for which the demand is always certain.

4-in. pots, 6 to 8 in. high, 2 to 3 tiers. $0.60 each
5 " 10 to 12 " 3 tiers..... 1.00 "
5-in. pots, 15 in. high, 3 to 4 tiers..... $1.25 each
6 " 16 to 18 in. high, 4 to 5 tiers 1.50 "

ARAUCARIA EXCELSA GLAUCA.

5-in. pots, 8 in. high, 2 tiers ..... $1.00 each
6-inch pots, 12 to 15 in. high, 3 tiers.. $1.50 each

ARAUCARIA ROBUSTA COMPACTA.

The finest lot of this grand variety we have ever been able to offer.
6-in. pots, 10 to 12 in. high, 3 tiers ..... $1.50 each
6-in. pots, 12 to 14 in. high, 3 tiers..... $1.75 each
7-in pots, 15 to 16 in. high, 3 tiers..... $2.00 each.

For other decorative stock see our current trade list.

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Our Stock Surpasses that of all previous years.
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Pansy Plants in bloom, June sowing..... $5.00 per 1000
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Ten varieties flowering **Begonias,** 2 and 3-inch..... 3.00 per 100
Pansy Seed, every variety, at ..... 3.00 per oz.
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500 **Perles,** 1000 **Brides,** 1500 **Bridesmaid, fine stock,** out of 2½-inch pots, $3.00 per 100, $25.00 per 1000.
VIOLETS, field grown clumps, $3.00 per 100.

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ROSES -- Brides, Belle Siebrecht and Meteors in 3-inch pots. Maids, Brides and Beauties in 2½-inch pots.

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SCOLLAY'S PUTTY BULB, to apply Mastica or Liquid Putty, 85c. each.
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STEEL ROLLER GLASS CUTTERS, 15c. each.

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Phoenix Rupicola.

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Elegant 4-inch pot plants (no disease) at $6.00 per 100. Will flower in a short time.

Asparagus Plumosus,

Fine 6-inch pot plants for fall and winter sale, at $4.00 per dozen.
Cash to accompany order from unknown parties.

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HIGHLAND PARK, - MICHIGAN.
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FRESH SEED NOW READY.
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PLANTS ready about September 15th
JOHN BEIMFORD, Wilton Junction, Ia.
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ROSES

Maids, Brides, Perles and Meteors, in 4-in. pots, $5.00 per 100. Kaiserin, Perles, Meteors, Maids and Brides, in 3-inch pots, $6.00 per 100.
VIOLETS, Marie Louise, in 2½-in. pots, $3.00 per 100. BEGONIA REX, in 4-in. pots, $20.00 per 100. All of the stock is in fine, healthy condition.
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40,000 FIRST QUALITY FORCING ROSES.

READY FOR IMMEDIATE PLANTING.

Fully equal to those sent out the last six years, first-class and perfectly healthy in every respect. Only selected growth from flowering shoots used in propagating.
LA FRANCE AMERICAN BEAUTY PRESIDENT CARNOT
3-inch pots, $8.00 per 100; 4-inch pots, $12.00 per 100.
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3-inch pots, $7.00 per 100; 4-inch pots, $10.00 per 100
Mention The Review when you write. J. L. DILLON, BLOOMSBURG, PA.

Rex Begonia.

34 named varieties, 2-inch pots,	per 100.	$5.00
34 " " rooted cuttings,	"	4.00
Mixed Rex, rooted cuttings,	"	2.00
" 2-inch pots	"	4.00

Write for prices on other stock.
Terms cash or C. O. D.
Named Rex Begonias, 3 of each kind in each 100.
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WATERTOWN, N. Y.
Mention The Review when you write.

Rose Plants.

100 American Beauties, 3½-inch.....$5.00 per 100
Bridesmaids, 3½-inch..... 3.50 "
Meteors, 3½-inch..... 3.50 "
Healthy, vigorous plants; grown for our own use. May be returned at our expense if not satisfactory.
BURLINGAME, CALIFORNIA.
BRANT & NOE—Gentlemen: Rose Plants arrived in splendid condition. Yours truly, E. H. McCLELLAND.
BRANT & NOE, FOREST GLEN, ILL.
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A CHEAP SMOKER.

Referring to the cheap smoker illustrated in our convention number, Mr. J. L. Dillon, Bloomsburg, Pa., says he uses an even simpler form. He uses the ordinary length of 8-inch stove pipe without any change whatever.

The length of pipe is filled nearly full of tobacco stems, then shavings or paper are laid in on top. A match is touched to the shavings or paper and the pipe then turned upside down. When thoroughly lighted a perforated iron lid is placed on top. This lid need not fit the top and in fact need not even be round. A square piece of sheet iron with a few holes punched in the center answers the purpose.

He finds that two of these pipes filled with stems will thoroughly fumigate a house 20x100. For a 10-foot house one-half the amount of stems should be used in each.

BLACK BEETLE ON ASTERS.

We have found slugshot to be a sure and cheap exterminator of the black beetle, so destructive to the aster, dahlia and gladiolus. Use it early in the morning when the dew is on the foliage and use it strong.

We have also found this to be an excellent remedy for sow bugs. Move the plants and sprinkle the benches heavily, and the bugs will make themselves scarce. Do not be afraid to use plenty of it. When applied to the plants with a bellows it is perfectly safe. If plastered on of course it may burn the plants.

We speak of this insecticide now for the benefit of those growing asters and gladioli in the field.

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Mr. Adam Sekenger has put in a handsome new refrigerator at his branch store at 26 Maine St. It is largely glass and placed in a corner window in such a way that the contents can be viewed from the street as well as from the store. The carved grillwork at the top runs out into a canopy over the counter and this canopy is supported by fluted pillars. A local daily publishes a very fair engraving of this handsome box and counter.

OMAHA EXHIBITION.

The Kraft Plant Tonic Co., Rockford, Ill., made a display of their product at the convention, but as it did not arrive till the second day, owing to a delay on the road, it was not mentioned in our report which was written on the opening day.

WARREN, R. I.—Alverius Martin, formerly of Olneyville, has purchased the greenhouses formerly conducted by C. H. Nye and has also removed his own plant from Olneyville to this place.

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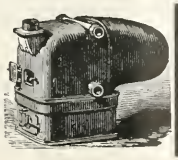

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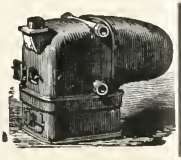

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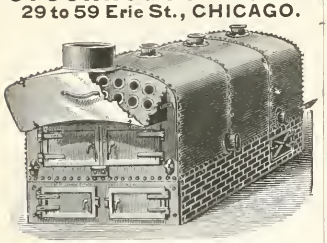

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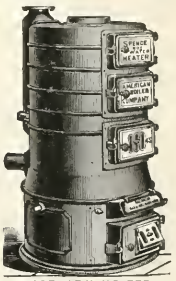

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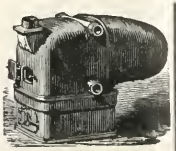

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Vol. II. CHICAGO AND NEW YORK, SEPTEMBER 8, 1898. No. 41.

THE PANDANUS.

For many years past some few species of pandanus have occupied quite a prominent place among decorative plants, and this is deservedly so from the fact that the members of this genus in general are not difficult to manage, and are also quite rapid growers under favorable conditions.

But from the fact that the pandanus are natives of the tropics, a rather high temperature is required to secure the best results, a night temperature of 65 to 70 degrees being best adapted to their needs, and during the winter months little or no shading is needed, especially for the variegated species.

Pandanus Reflexus.

A good loam enriched with old manure forms a satisfactory soil, and as the plants make many coarse roots it is found best not to pot them too firmly and during the summer to give an abundance of water. If grown in a moist atmosphere there is but little need for syringing overhead, and particularly during the winter an excess of water may lead to an attack of "spot," if coupled with an accidental low temperature at the same period.

Propagation is effected by means of cuttings of those species that sucker freely, and also by seeds. Where side shoots or suckers can be obtained there is but little difficulty in rooting them at any season, this operation being quickened (as in the case of a pine-apple) by keeping the cuttings rather on the side of dryness until they are calloused, and by giving them a fair amount of bottom heat.

Seeds should be planted in light soil, and placed in a warm house, and the seeds should preferably be set with the bottom end up, this being the end from which the germs emerge. These seeds are somewhat peculiar, being closely set in a more or less globular mass that hangs down on a stout stem, while the individual seeds, or rather fruits, are compound, and often contain 8 or 10 germs, the latter being enclosed in cells of a tough, horny substance within the body of the fruit. Soaking of the seeds is sometimes resorted to prior to planting them, but I have not found any gain in rapidity of germination after soaking seeds of P. utilis for 48 hours in tepid water.

The most useful and most widely known species in cultivation at the present time are doubtless P. Veitchii and P. utilis, the first named being unquestionably among the best variegated plants for decorative purposes, while its endurance as a house plant depends largely on the conditions under which it has been grown, for soft

and sappy specimens have an unfortunate habit of rotting off at times.

P. Veitchii has been in cultivation for the past thirty years, and has proved itself one of the most satisfactory introductions among foliage plants of the famous London firm whose name it bears.

The second species in importance in the trade is P. utilis, a species that has been in cultivation longer than the preceding, and is usually to be had in much greater quantities owing to the readiness with which seeds may be obtained and germinated. This species, like P. Veitchii, is native in some of the South Sea Islands, notably Madagascar and the island of Bourbon, and on the latter island P. utilis is said to reach a height of 60 feet, forming a much branched tree.

The specific name of this pandanus, utilis, which signifies useful, seems to be especially applicable to the plant in Mauritius, where it is cultivated for its leaves, these being used in weaving the coarse matting from which sugar-bags are made.

As a florist's plant P. utilis is most useful in small sizes, for example, in pots of 4-inch to 8-inch sizes, there being but a limited demand for plants larger than these.

This species is a rapid grower, and requires generous treatment in regard to soil and watering, and gives but little trouble in its management, unless it may be in those cases where an outbreak of "spot" is developed. The latter trouble is caused by the burrowing of a minute insect in the tissues of the leaf, and its progress seems to be favored by overwatering. If plants become badly affected with this disease it is most profitable to throw them away at once, as they are likely to be permanently disfigured by it, but light attacks may be satisfactorily treated by keeping the plant somewhat drier and dosing them with sulphur.

P. candelabrum variegatum, perhaps more readily recognized under the name of P. Javanicus var., is another handsome variegated form, and a more recent introduction than P. Veitchii, having been introduced from Java in 1875. Our illustration indicates the very graceful habit of this plant, the leaves of which are narrow and pendulous, and grow to a length of 3 to 6 feet, the white variegation being very clear and sharply defined on the dark green ground color. Unfortunately this plant is very thoroughly armed, the leaves being edged with sharp spines, while the midrib possesses another line of spines which are turned the reverse way to those on the edges, thus making it almost impossible to handle the plant without getting caught.

P. candelabrum var. forms side growths freely even in a young state, and cuttings made from these growths root readily, but owing to its abundance of spines it has never become a very popular plant in the trade.

P. graminifolius is one of the small growing pandanus that has been found useful to a limited extent in the trade, being at its best in a 4-inch or 5-inch pot, and only reaching a height of 2 to 3 feet when fully developed. This species is of tufted habit, being much branched, and having dark green leaves about half an inch wide, not so stiff as those of most of the species of pandanus, and armed with short whitish spines.

P. graminifolius is readily increased by means of cuttings, and in small plants may be considered among available stock for the centres of fern pans. The illustration has been prepared from a good photograph of this plant, and gives an excellent idea of its general character.

P. heterocarpus, also known as P. ornatus, is one of the handsomest of the green leaved pandanus, being a strong growing species with broad, dark green foliage, edged with whitish spines. The under side of the leaves of this species is lighter in color and slightly glaucous, a well grown plant forming a noble specimen.

P. heterocarpus is rather susceptible to overwatering during the winter, and in that case may develop "spot," but with a little caution in that particular there is no special difficulty in its culture. I have never seen this species produce suckers, and it seems probable that the only means of increase is from seeds. P. heterocarpus is a native of the Philippine Islands, from whence it was introduced about 1866.

P. reflexus is another notably handsome species, and though one of the oldest in cultivation is by no means common. This species produces very long and pendulous leaves, in a large specimen often growing 5 to 6 feet in length, dark green and shining and profusely armed with strong spines, those on the under side of the midrib being turned the opposite direction to those on the edges of the leaves, similarly to the arrangement of spines on P. candelabrum.

The leaves of P. reflexus are so much recurved that they frequently hide the pot in a well-grown plant, and really have a very graceful effect, as will be readily seen from our illustration, but owing to its ever-ready armor of spines this plant is a most unpleasant one to handle, and is consequently not likely to become a popular one.

P. Vandermeechii is a comparatively rare species that would probably be useful in the trade if grown in quantity, being of somewhat similar character to P. utilis, but stouter in growth and usually more upright. The leaves of P. Vandermeechii are broad and stiff, dark green and slightly glaucous, the edges of the leaves and also the spines being dark red, and the same

Pandanus Graminifolino.

Pandanus Candelabrum Var. (Javanicus Var.)

color appearing to some extent about the base of the leaves.

This species forms a very effective specimen, but does not appear to produce any suckers, and propagation must therefore depend on seeds. P. Vandermeechii was introduced from the island of Bourbon, and is said to be peculiar to that island, though quite plentiful there.

Among novelties of the pandanus family that have been grown to some extent of late years are P. Baptistii and P. caricosus, but while both these species are attractive, neither is of much value commercially.

P. Baptistii is a rapid growing plant, the leaves of which are striped with yellowish variegation, and in some measure resembling the foliage of Phormium tenax var., but without the toughness of that plant.

P. caricosus is more dwarf in habit than the preceding, and has narrow green leaves that are but little armed with spines. It branches freely, and might be briefly described as a very strong P. graminifolius, though perhaps less useful than the latter for trade purposes. W. H. TAPLIN.

CANNAS.

The canna beds have been as gay as ever at Lincoln Park, Chicago, this summer, and a number of the newer sorts have been on trial. We give herewith the results of Head-gardener Stromback's experience with them.

Varieties Tried.

After a two-years' trial of Duke of Marlborough he has decided to let it take the place of Alphonse Bouvier. It is darker than Bouvier, a rather freer bloomer and the spikes of bloom are more erect. Height about 5 feet. He is very much pleased with this variety.

Duchess of Marlborough has also had a second year's trial. It is a clear, bright rose pink, a good color, but the spike is weak in the neck and it is not a very free blooming sort. Mr. Stromback will retain only a few plants for variety's sake, feeling that it has no place as a bedder.

Brilliant is a good yellow sort. There is a streak of deep crimson on the keel petal and the general effect is good. And, above all, it stands the sun the best of any yellow he has ever had. It is a strong grower and free bloomer. The flower is not quite up to the standard, the petals being rather narrow, but this will be his best yellow bedder till something better is produced. Height, 6 feet.

He is very much pleased with Souvenir d'Antoine Crozy, bright crimson with a broad yellow border. It is a brighter red than Queen Charlotte and the plant is a very free and continuous bloomer and strong grower. Average height about 4 feet.

Papa is similar to Chicago in color. It is a dwarf grower, only $2\frac{1}{2}$ to 3 feet, and would be useful as a border. But as he already has many good ones of the same color Mr. Stromback will retain only a few plants of Papa for variety's sake.

Triumph is a deep orange scarlet, good grower and free bloomer, and a very large truss. He will add this to his list of bedders, and as it grows only 3 feet tall, he will use it as a border around other sorts. It did finely this season in a rather unfavorable situation.

Philadelphia is a very deep rich scarlet, a little brighter in color than Duke of Marlborough, and with a better flower, having broader petals. Height, $4\frac{1}{2}$ to 5 feet. He will add this variety to his list of useful bedders.

P. J. Berckmans, cherry red, will be retained on account of its distinct color and freedom of bloom, though there are not so many flowers in a spike as is to be desired. Height, 6 feet.

Mons. Francois Gos is a new French sort. The flower is very similar to that of J. D. Cabos in color, but is larger and the petals broader. It is a strong grower, has good foliage and seems to be a free bloomer. The foliage is green. If the foliage was dark it would be considered an advance on Cabos.

Menelek is in color very similar to Papa, but the petals are spoon-shaped instead of flat and this makes them appear narrower, though really equally broad. The truss is not so large as that of Papa, and the latter sort has been freer in blooming so far.

With Papa and Menelek in the field, there seems no room for Sophie Bruckner, which is of similar color, though less bright. And the foliage of Bruckner grows rather too dense.

Fuerst Bismarck is a beautiful, rich scarlet and the flower of good size, but the petals lack substance. It is a strong grower and seems to be a free bloomer.

Robert Christy is similar in color to many other sorts that are better bloomers and more satisfactory in every way.

Baroness de Poilly is a washed-out orange and the petals of poor substance. No place for it.

Comtesse de Sortoux Thorene is about the same as Florence Vaughan and no better than that standard sort, though a dwarfer grower, only 3 feet tall.

The color of Mme. la Baronne T. Thenard is dull and unsatisfactory. No place for it.

Incendie and Leon Pepin Lehalleur have given only a few weak flowers and are now entirely out of bloom. They have been weak growers so far and Mr. Stromback doubts the wisdom of a further trial.

Alsace is here really a very pale yellow instead of white and is considered of no value as a bedder, though a few plants are retained as a curiosity.

Mme. Alphonse Bouvier doesn't propagate well and the foliage has a sickly appearance.

Italia, Austria and Burbank have pretty flowers, but have no value as bedders here.

Standard Bedders.

Following is the list of varieties Mr. Stromback will use in his main bedding next year; the height of each being given:

Egandale, 5 feet.
Chicago, 6 feet.
Charles Henderson, 4 feet.
Stella Kanst, 6 feet.
Brilliant, 6 feet.
Peley No. 1, 3 feet.
Flamingo, 3 feet.
Florence Vaughan, 6 feet.
J. D. Cabos, 6 feet.
Philadelphia, 5 feet.
Triumph, 3 feet.
P. J. Berckmans, 6 feet.
Souv. d'Antoine Crozy, 3½ to 4 feet.

Propagation.

After the first good frost in the fall, strong enough to singe the foliage, Mr. Stromback takes a sickle and cuts off the stalks of the cannas about a foot above the ground. The roots are then lifted and as the soil is light, but very little soil has to be shaken off. The roots are then placed under the benches of greenhouses where a temperature of 55 to 60 degrees is maintained. Care is taken to keep them away from the heating pipes so they won't dry out too fast. And in watering none is allowed to be thrown under the bench. Of course there is some slight drip from the benches, but not enough to start the roots. The naturally moist atmosphere of a greenhouse is about right to keep the roots from shrivelling and still not moist enough to start them. The roots are looked over once in a while and if there appears to be any danger of losing the stock the roots are started up to save them.

The latter part of January the roots are taken out, cleaned of dead roots and decayed stalks and the large clumps divided, but having each part large enough to supply three to four growing points to a 5-inch pot. A bench is covered with a few inches of soil, the roots laid on it close together and covered with a little of the same soil. If convenient a little mild bottom heat is given which will start them quicker, but care is taken not to overdo the heat. They are watered sparingly till they show signs of growth, and when the shoots are 3 or 4 inches high they are taken out, divided further, if necessary, to suit size of pots, and potted in 5, 6 or 7-inch pots as needed. They are set back on the same bench and a little bottom heat given, say 55 to 60 degrees, and here they are kept till planting out time. Abundant ventilation is given as weather allows and the plants syringed on sunny days.

By keeping them in this low temperature he gets solid, stocky plants that will suffer no check when bedded out and by starting them thus early he gets a good show of bloom on his beds early in the season. Unless Charles Henderson is thus treated it will be August before it begins to bloom outside here.

If greenhouse room is not available, the plants can be started in a frame, placing out the latter part of February or early in March.

THE RETAIL FLORIST.

The Canna as a Decorative Flower.

It is safe to say that with no other class of flowers can the same effects be produced as with cannas. They are simply magnificent! It is hard to understand why they are not more generally used. It may be argued that they are hard to ship and are unfit to place on the market as a rival to the flowers that stand rough handling. Whatever may be said against cannas in this sense does not lessen their great value to the floral artist as material for refined work, for many of the more delicate class of flowers are all the more valuable because they are delicate.

But cannas are not, rightly speaking, delicate; they will travel well and last long if cut at the right time, which is in the early morning when the dew is upon them. They should be packed in separate layers and on their own wet leaves. They should never be thrown into a box like a bundle of sticks. Spend a few minutes in packing what has taken you months to grow; don't pack them in layers unless you nail slats between. Cannas packed tightly in layers on nice damp leaves will travel a long distance and be a pleasure to look at. We are apt to turn our nose up at many kinds of flowers because they are plentiful, but we all know that our customers are all the time demanding a change in decorations. Cannas are just the thing at present. We can use them for a funeral design or to form a wedding arbor; they are adaptable to any form of decoration, and nine out of ten customers will be compelled to admire their beauty if arranged properly.

There are very few flowers that will make the same effect in a funeral arrangement as a well made wreath of the canna Alsace or Alba Grandiflora. Prepare your wreath with wet green moss and green up with asparagus or small ferns, use your canna spikes short, sticking the ends into the wet moss, make your wreath good and full and arrange the flowers to meet in a point as you would a laurel wreath, and tie with a bow of wide white ribbon at opposite side. This makes a grand wreath; it will be necessary to wire some of your spikes and use sticks, and if you use a few sprays of tamarix flowers where your bow is tied, it will enhance the effect.

As for cannas in table decoration, there is no need to be at a loss for color, for there is the rainbow to choose from, and you can arrange the flowers in many ways. Other foliage will have to be used, for canna leaves are too large and clumsy to use in decoration. Of course, whatever form or design you may adopt it is best to have your cannas in water, and this can easily be done by the use of small bottles. If you want to use a large, flat basket, green your basket with small adiantums and stick your bottles of water in the moss, arrange your canna spikes in the bottles and avoid a formal arrangement by having some of the spikes a little shorter; be sure the cannas round off the edge of the basket, and have a spike or two rest on the cloth; use flowers of only one color and have the same color lamp shades. Don't have the flowers touch each other; let the ferns show between as they heighten the color effect. Always remember that a small person should be able when sitting down to see clearly over your flowers when a large table is used; with a small table it is not necessary, as people can see each other from the sides.

Cannas look splendid when arranged in glass bowls, silver or gold vases, or almost any kind of vase the color of which will harmonize with your flowers; that is all important. If you cannot exactly match your flowers use a neutral color, or cover your vase with greens or crepe paper or pongee silk. It is best to use very light strings of asparagus or long fern fronds for green.

There are so very many varieties and colors of cannas to select from, we can only mention a few of the best on account of the substance and size of bloom. For yellow, Eldorado; for scarlet, M. Crozy; crimson, Philadelphia, Flamingo, Chas. Henderson; cardinal, Columbia; orange, Florence Vaughan; French and cream whites, Alsace, Alba grandiflora; salmon shade, Paul Marquant; and many others, including several shades of pink and apricot. Cannas will also be found useful for mantel and other forms of decoration where imposing brilliancy is desired.

Orchids.

Dendrobium formosum is the best white orchid obtainable this week, and it is very beautiful; its rich, golden throat rather enhances its pure white. The flowers being short stemmed, it is necessary to mount them on stiff wire or other stems. They make a lovely hand bouquet, fringed with Adiantum Farleyense, or the very finest flat bunch for funeral, using A. Farleyense and light asparagus, with a few long sprays of stephanotis flowers. This bunch should be made to face both ways and tie in the centre with a bow of white ribbon.

Cypripediums look well when arranged with lily of the valley. Cattleyas are obtainable and are the richest gems in the flower market. They can be used for any and every occasion, but should never be arranged with poor or discordant colored flowers;

Wreath of Laurel Leaves.

keep them separate or use only white in connection with them.

Double Rudbeckia.

Rudbeckia laciniata fl. pl. is the finest hardy yellow flower for summer decoration. Every grower should have it in his garden. It is more graceful than the dahlia, is not stiff or awkward like the sunflower, but is more like a chrysanthemum, and it can be used in many ways. IVERA.

WREATH OF LAUREL LEAVES.

The wreath illustrated was sent by the employees of the Rosary Flower Co., New York, to the funeral of the late Lieut. Wm. Tiffany. It is the ideal design for a statesman, soldier or litterateur. The design is full of significance. Sentiment speaks from every leaf and shred attached to it. It is an excellent illustration of the only proper way to make a laurel wreath. It is a 30-inch wreath, first well mossed, both sides and made round, no tinfoil used. The leaves are Laurus nobilis (the only laurel that should be used in a funeral wreath). There are over 3,000 leaves used in this wreath. They were washed very clean in water, no oil being used, then wired separately on toothpicks. Both sides of the wreath are made the same way, the leaves being arranged with the exactness shown.

The cycas leaves are 3½ feet long, the stems run through the wreath, a few leaves of Cocos Weddeliana covering them. An 18-inch American flag is tied in the center with a piece of crepe for background, attached to the cycas by a piece of narrow white ribbon.

When this design was used a sword was passed through the wreath from the upper right to lower left hand side passing between the two cycas leaves, making it distinctly a soldier's emblem. If it be used at the funeral of a litterateur a quill pen may be tied across the ribbon. If the deceased was a man of national fame the American flag can be used with propriety, otherwise broad dark purple ribbon may be used in its place. IVERA.

THE DEPARTMENT STORE.

A certain party has been after me for some time to open a cut flower department in one of the large dry goods stores, but never having had very much experience in this branch of trade I am almost afraid to start. There is nothing of this kind at this place and no street fakirs in town.

To start with, would it be better to lease the room or to sell on commission? If so, what is generally asked for room and what is good commission? Have you any idea as to what could be figured as loss? Should it be necessary to have a large refrigerator in full view all the time?

M. C. B.

In answer to the above, we wish to state that the majority of such experiments have so far been failures, the causes of which are matters of conjecture. Among the vast and gigantic department houses of New York city, there are but three which have cut flower stands; one is a butcher market, the other two are dry goods stores. All of these cut flower departments are failures, considering the enormous amount of energy spent on them. The flower buying public seems to prefer patronizing the daintily arranged florist's store. You yourself will admit that beautiful flowers lose a great deal of their influence if placed alongside yards of sausages, or tangled up with the unmentionables of a dry goods store.

If you opened a stand in such a store you would require a large ice box, and such other requisites as is necessary for a florist's store. In order to make it a success, you would have to adopt the bargain-counter tactics, which, if the town was Cohoes, would necessitate your importing your stock, as you would need an attractive showing of flowers. Considering your experience, we would advise you to permit the expenses of the experiment to be defrayed by the party desiring your services, and that you be paid a salary commensurate with the amount of trade you are able to obtain or a sum equal to the highest your abilities can command in any line of trade.

For ourselves we prefer to see our beautiful florist business stand alone on its merits. In a town like Cohoes, where there is only one florist, surely there is room for an artistically arranged window, an inviting little store with its dainty vases of flowers and

plants and an energetic and obliging manager, who will treat customers honestly. A love of flowers will soon change inexperience into artistic ability. The fact of there being no street fakirs in your town, and our knowledge of your townspeople's love of flowers, assures us all the more that a florist's business properly handled would succeed, and that best by itself.

IVERA.

BLACK SPOT.

Please tell me through The Review how to kill blackspot on roses.

W. H. B.

During the latter days of August and early part of September, while the days are yet quite warm and the nights comparatively cool, though, perhaps, not cool enough to require fire heat, is the time when "black spot" often makes its appearance. It is caused by too much moisture surrounding the plant at night. In walking through the rose house early in the morning it may be observed the plants will often have the appearance of having received a heavy dew. The novice will see no harm in this, in fact, he will be pleased with the fresh and vigorous appearance of his rose stock, but let me say right here is the beginning of failure to many a promising rose house, which for want of proper attention, soon becomes infested with "black spot" and kindred diseases, which bring consternation to the minds of the growers, and when once having a foothold means the loss of a good part of the season's work, creating an endless amount of trouble and worry.

"Black spot" is by no means a difficult disease to control when handled by a grower of experience. A few suggestions on the subject may be helpful to those who are unfamiliar with the cause and remedy of the disease.

At this season of the year, too much emphasis cannot be laid on the subject of ventilation. Never allow the air in a rose house to become stagnant, continue to leave on a small crack of air at night, do all your watering and syringing before noon each day. If the day is very warm, it may be necessary to give a light syringing in the afternoon; in this case be sure to get through with it not later than 2:30 p. m., thus giving the foliage a chance to thoroughly dry off before night. Give the house a light dose of white sulphur about once a week; this should be applied with a bellows, and may be put on about 4 p. m. to remain for the night; if the following day is cloudy it may remain undisturbed; should the day be bright, the sulphur should be syringed off before the sun becomes warm, say about 9 a. m. It will take about 1-3 peck of sulphur to a house 100x20 ft. for a light application.

If "black spot" has already made its appearance, the following solution, applied twice a week, will soon check the disease: 1 lb. sulphate of copper to 1 gal. aqua ammonia, thoroughly mixed. Of this solution take ½ pint to a 2 gal. can of water, apply with a hand syringe. This operation should be performed early in the morning and continued semi-weekly until the disease is completely checked. Water sparingly, especially where the disease has made much headway. Keep a sharp lookout for the "spot," remove every leaf affected. It will be advisable to dispense with syringing until the disease is under control.

S. A. BAUR.

AMERICAN CARNATION SOCIETY.

In order that there may be no confusion, it will be well to have it understood by the growers of seedling carnations that the registration adopted by the S. A. F. is not intended to and does not conflict with the registration method of this society.

Most growers have fallen into line and when they have a variety that will be introduced to the trade or grown commercially they have it registered. Those who have not should do so at once. The cost of one dollar, which covers all the expense of registering a name, is simply a well invested dollar in the way of advertising, as the name and the description are both printed in the report and in the trade papers (through their courtesy to the society). In addition to this free advertising, when the name is registered with this society it is recognized by the trade everywhere as an official matter. When it is not registered the grower is more than likely to take up the name of some variety that has dropped out of existence, and this causes confusion with the old variety and is often a hindrance to the sale of the new.

The American Carnation Society is now at work on a rearrangement of the list of all carnation names to date. They will be in alphabetical order and easy for reference. As there is something like a thousand names the seeker for a new one can readily see how important this list will be to him. This list with blank for registration will be sent to all members of the society and to any others who ask for it.

This society anticipates a very successful meeting in Philadelphia next February, and will have the most attractive premium list ever offered in this country for carnations. In addition to the money premiums there will be offered several handsome cups. One of these, by E. H. Michel, of St. Louis, Mo., will cause some lively competition. There will also be a valuable cup offered for the best arrangement of carnations by a retailer. A host of other good things are in store for carnation growers, further particulars of which will be given when arrangements are completed.

Suggestions for the good of the society, special premiums, etc., are always in order, and the secretary is ready to receive them at all times.

ALBERT M. HERR, Sec'y.
Lancaster, Pa.

CARNATION SOCIETY CERTIFICATES.

The society has issued a reminder, as follows: "In order that there may be no misunderstanding regarding the awarding of the Certificate of Merit, this card is sent you at planting-in time, to remind you that it takes fifty blooms, and a plant taken from the bench in which the stock is growing—and that the variety must have been bloomed not less than three years to secure a Certificate of Merit. A preliminary certificate is granted to varieties if twelve blooms are shown, and the variety need not have been bloomed three years, neither need plant be shown." Address all inquiries to the secretary, Albert M. Herr, Lancaster, Pa.

AMONG BOSTON GROWERS.

Mann Bros.

Mann Bros., at Randolph, is the next place we stopped at, and here we found them busy remodelling a carnation house in which they proposed to grow Daybreak, a very successful variety with them. This house is 125 x15 and will contain 2,800 plants. Their principal house is 125x15 and Mr. Lester Mann, our entertainer, informed us that he would get four different crops from that house. The house now contains 2,500 plants of different varieties of chrysanthemums, grown to about three flowers to each plant. These are followed by Harrisii lilies and other bulbs, grown expressly for Christmas trade. After these are cut off, the house is again filled up with lilies of the longiflorum type for Easter forcing; then comes the last crop, bedding plants, of which they grow enormous quantities. Another house, 100x20, will be planted to carnations Eldorado and Freedom. A house, 185x25, will contain nearly 4,000 plants and will be divided up between Anna Webb, Tidal Wave, Bradt, Flora Hill and Victor. Attached to this house is a propagating house of 100 feet in length, which is a model of its kind.

A couple of smaller houses, 80x12, are devoted to palm stock for local trade and bulb forcing out of doors. A frame of fair Lady Campbell violets, a lot of chrysanthemums of the early varieties, looked very promising. Their carnations, in the open field, are like the majority in this section, rather backward, owing to so much rain, but, are healthy and will make nice plants by the middle of September.

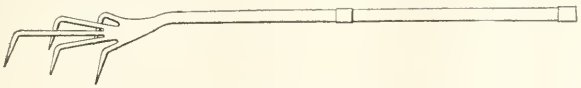
The Messrs. Mann are extensive growers of bedding plants, which are mostly disposed of at auction in Boston. They make a specialty of pansies, growing from 70,000 to 80,000 every spring, using a strain of their own, and have earned quite a reputation as to uniformity of size and color of their bloom.

They are extensive growers of bulbs, forcing thousands of them yearly mak-

ing an especial feature of the paper white narcissus. Besides their large wholesale trade, they enjoy an excellent local trade, which often makes them extensive buyers as well as sellers. P.

OUR PRIZE COMPETITION.

Following is a third batch of entries in our prize competition in labor-saving or valuable device useful to florists:



No. 7. Long Handled Hand Weeder

No. 7 is a modification of the hand-weeders sold in the stores. It differs from them in being made of machinery steel, forged to shape and welded on to a one-fourth inch gas pipe handle. This handle is three to four feet long, in short lengths screwed together with pipe sockets, so that it can be lengthened or shortened as desired. The long handle allows one to reach any part of a bed or greenhouse bench without breaking his back or stretching his arms more than a foot longer than their usual length. It can be made by any blacksmith, and the cost is slight. C.

No. 8. Hose Nozzle.

No. 8 shows a device for applying water to the roots of plants when it is desirable to avoid wetting the foliage. It is a piece of gas pipe long enough to reach across the bench. It is closed at one end and fitted with a globe valve at the other, which is attached to the hose. The pipe has two rows of small holes drilled in the under side. The holes are drilled at the right angles, so that when the pipe is shoved between two rows of plants there will be a row of jets of water thrown on each row of plants. With a little care no water need be thrown on the foliage. The photo explains itself. C.

No. 9 is a device for screening soil or sand that can be made at a cost of about 15 cents. A piece of wire cloth of the required mesh is put on the bottom of any old box, the top and bottom having first been removed. The wire is attached with small staples. Now take a piece of scantling about four feet long, shave off one end for a handle, and nail two pieces of board on each side about two and one-half feet from the end left rough. Set the box with the wire bottom on these two boards and nail one side to the scantling. To use the screen, place the rough end of the scantling on the ground and let your helper shovel into the screen while you move the handle back and forth. The photo shows the affair. This device will screen about four times as fast as a man can with an ordinary hand screen. C.

PHILADELPHIA.

Business Conditions.

It would be pleasant to relate how the market had gained strength with the advent of fall, but, unfortunately, it has done nothing of the kind. The weather has been so intolerably hot during these first days of September, that cut flower business simply could not improve. The quality of the stock fell away a little and the demand was only moderate.

The retailers are looking forward to more activity by the middle of the month. The English cricketers will be here then. Their visits are sure to bring some entertainments at the suburban clubs and country houses. It is also likely that the return of the City Troop and Battery A, from Porto Rico, which is expected at the end of the present week, will enliven the social world. These two crack military organizations number among their members many of our most appreciative flower lovers.

Holland Bulbs.

Some anxiety was caused early in August by the arrival, in this city, of a notice from the Holland bulb growers that much of their stock was inferior this year, especially the hyacinths. Some of the growers answered promptly, directing the firms with whom they deal on no account to ship any but first class stock. The replies just received are encouraging. The stock will be here this week. The seedsmen have much of theirs already.

Notes.

I have always had a profound contempt for a man who recommends his fellow florists to use a certain thing and under like conditions uses something else himself. A friend has written me: "Did you not recommend Indurine?" This spring I was looking for the best shading for a house for Pandanus Veitchii and was much pleased with the shade produced by a cold water paint called Indurine. It was a good deal of trouble to mix, but when on the effect was ideal. I experimented a little, then bought 200 pounds of Indurine and covered two houses with the solution. The heavy

No. 9. For Screening Soil.

rains in the end of July washed some of it off, this was carefully replaced. A very heavy downpour early in August just cleared those roofs as neatly as possible. So now I have returned to my old love, benzine and white lead, and no longer recommend Indurine for shading.

A word of explanation seems necessary about the article "Among Philadelphia Growers" just concluded in The Review. This account was confined to those places having 30,000 square feet of glass or more. The great majority of places in and near this city have between 10,000 and 30,000 feet of glass. To include all these places in such an article would be wearisome. Yet it must be distinctly understood that many of these places produce very fine stock and are certainly prosperous. J. W. Y.

THE FLORISTS' REVIEW

G. L. GRANT, EDITOR AND MANAGER.

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NEW YORK.

Business Conditions.

The weather has been unmercifully hot here for the past week, rendering life scarcely worth the while, with the thermometer in the streets often up to 108, people flying to the seaside resorts and the hospitals. It seems cruel to be bothered about business, and yet the awful amount of deaths occurring have their peculiar influences on the florist's trade.

Our streets seem to be never without either ambulance or hearse; but the saddest sight of all is the remains of some young hero wrapped in his country's flag being escorted to his last resting place by his fever-emaciated comrades. Carriages laden with all kinds of abominable funeral designs generally precede these sad processions, and when we see these badly made and preposterous combinations we are almost tempted to agree with the soulless crank who tacks on to the obituary notice, "Please omit flowers." The florist—I mean the person—who works off a cape-flower design trimmed with scarlet gladiolus, at a time when the finest white flowers are obtainable for a mere pittance is the greatest enemy the florist business has. I am very sorry to admit there are such people, but thank heaven they are few.

Mostly all our East side or downtown florists have been more or less busy on funeral work, and though the majority of the orders were small, still, with an over-abundance of Hydrangea paniculata, white gladiolus, asters, lilies and such flowers, these orders have been turned out at a fairly good profit.

Roses, and the best of them at that, can be bought by the hundred for a few cents, by the thousands for a "Greek song;" Beauties are being stuck under every girl's nose in our principal streets, and valley — well, some days it looks cheerful; more often it hangs its head in disgust. Orchids are about the only flowers able to retain their self-respect.

Dendrobium formosum giganteum are fine, and are selling from 25 to 35 cents. Cattleyas are scarce; a few C. Gigas and C. Labiata are watched for and snapped up at 50 cents each. Outside this the market is demoralized and the weather is demoralizing.

Asters seem to be very poor around New York this year. I am inclined to think it is the varieties grown. Last year they were to be had like chrysanthemums; this year they are but puny and very ordinaire.

Many of the florists of New York, Boston and Newport were busy for the funeral of Lieutenant Tiffany, who was buried at Newport August 29. There were over sixty designs sent to the church at Newport.

Notes.

The Broadway stores are putting on their finishing touches and getting ready for business, myriads of electric lights are kept blazing early and late, and—well, alas! the indications are that we shall have a very late season.

The New York Florists' Club will hold its first meeting of the season at their rooms, 19 West Twenty-seventh street, on Monday evening, September 12. The principal topic for discussion at this meeting will be, "The best means of keeping members not only interested in the workings of the club, but to encourage a better attendance at its meetings." We sincerely hope every endeavor will be successful. We need more enthusiasm and friendship among New York florists.

Teams from the New York Florists' Club, Flatbush Bowling Club, New Jersey Horticultural Society, Westchester Horticultural Society, Hudson County Florists' Club, possibly one from the Newport, R. I., Horticultural Society, and a few yet to be heard from, are expected to compete at the New York Gardeners' tournament at Central Opera House, September 10.

D.

BOSTON.

Review of the Market.

The weather the past week has been a great improvement over the early part of the summer, and business has been very good for this time of the year. There has been no surplus of any kind of flowers, and the demand has about equaled the supply. Asters are not over-plenty, white ones being in excellent demand, and are selling at from $1 for Victorias to $2 for Semples.

The supply of carnations has increased, but are most all of the variety Mrs. Fisher. Prices range from 75 cents to $1.50 per hundred, while colored pinks of good quality easily bring $2. The hot weather still keeps the size of Brides and Maids below the average, but they sell fairly well at $4 per hundred. Kaiserins still bring from $8 to $12.50; Meteors, from $6 to $8, while Beauties are not plenty and easily bring from $1 to $3 per dozen; Valley steady at $4 per 100, lilies of the lancifolium type sell well, averaging $4 per hundred; gladiolus and tuberoses, $4 per hundred stalks. Odds and ends, especially of white flowers, are cleaned up daily.

The Annual Exhibition.

The annual exhibition of the Horticultural Society, held August 31 and September 1, was a decided success, and the perfect specimens of both plants and flowers were a revelation to the visitors. Among the prominent and notable exhibits were the collections of stove house plants of J. D. Bailey and John L. Gardner, the collection of adiantum ferns of Dr. C. G. Weld, and the specimens of cycad and Asparagus Sprengerii, shown by H. H. Hunnewell. Yamanaka & Co. exhibited a collection of dwarfed Japanese plants, including a specimen of the cypress family over 200 years old.

Orchids were shown by J. E. Rothwell and E. A. Wheeler, and Francis Blake had a fine group of conifers in pots. For flowers, dahlias had the call, and the collections were numerous and the individual flowers fine. There were also some fine collections of zinnias and other seasonable flowers, with the usual exhibits of hardy and native bloom.

Prizes and gratuities were awarded as follows: On flowers—For a collection of 18 named show dahlias, first to W. C. Winter, second to same. For 12 named cactus dahlias, first to Lathrop & Higgins. For 6 blooms show dahlias, first and second to H. F. Burt, who also got first and second for 6 blooms of fancy dahlias. For collection of named pompon varieties, three blooms of each, first went to L. N. Snow, second to W. C. Winter, third to H. F. Burt. The competition for a general display of dahlias was strong, there being three prizes. W. W. Rawson & Co. received first, W. C. Winter, second, Lathrop & Higgins, third. Sumner Coolidge was awarded first for a collection of hardy lilies. Dr. C. G. Weld obtained first for 25 vases of tropaeolums, James A. Little, second.

For 50 flowers zinnias, 12 varieties, first went to Dr. C. G. Weld, second to James Comley. For native plants, first was awarded to the Misses Doran, second to Mrs. D. P. Richards, third to Mrs. W. S. Eager. Gratuities were awarded to James Comley for asters; J. O. Little, for bedding begonias; J. W. Clark, for gladioli; J. W. Howard, for cannas; R. & J. Farquhar & Co., for cannas; Rea Bros., for perennials, and Dr. C. G. Weld, for asters.

On plants, for a collection of greenhouse plants, not to exceed 40 plants, in pots, J. O. Bailey received first, J. L. Gardner, second. For plants arranged for table decoration, first to Mrs. E. M. Gill, second to E. A. Wheeler, third to E. D. Converse, fourth to W. H. Lincoln. For specimen flowering greenhouse plant, first to N. T. Kidder, who also received first for a

collection of caladiums, Dr. C. G. Weld obtaining second. Dr. Weld obtained first for a collection of six specimen ferns, adiantums not admissible; also first for adiantums, and for dracaenas. H. H. Hunnewell received first for specimen cycad and a silver medal for an elegant plant of Asparagus Sprengerii. J. E. Rothwell, E. A. Wheeler and C. H. Souther were awarded prizes for orchids. E. S. Converse got first for 6 specimens Rex begonias; E. J. Milton, second, who also received first and second for an elegant collection of the same. Gratuities were awarded to C. H. Souther for anthuriums; J. S. Bailey, for Farleyense fern; J. E. Rothwell, for crotons, and E. S. Converse for Fittonia argyrea.

News Items.

John Gormley & Son have enlarged their quarters, now occupying a whole store, and are making an attractive appearance with the use of some nice palms and ferns.

Bert Leavitt came home from his vacation last Monday and is back among his favorite American Beauty roses at Welch Bros.

N. F. McCarthy, who has been spending a couple of weeks at Nantasket Beach, is once more at his desk, making preparations for a prosperous season.

Arthur T. Boddington spent a few days here this week; reports outlook for coming season as very favorable.

P.

ST. LOUIS.

The Market.

The roses coming in are looking better every day. The weather is still very hot and rain is needed badly. Business for the month of August was not as good as last year and only those who were fortunate enough to have a few good funeral orders during the month say it was fair. The transient trade will begin to come in with the retailers from now on as the season advances and the home-comers continue to increase. The opening of the exposition next week will help the florists somewhat. A lot of palms and cut flowers will be used.

The best roses that are coming in now are Kaiserins, Brides, Maids and Perles. Those with good long stems are selling at $3; the shorter stemmed stock bring $2. Good long Beauties are still in demand, but scarce; short stemmed are plentiful just now and sell from $2 up.

Carnations are also looking better, but not plentiful. White and Daybreak are the best sellers at $1 per 100. Housing carnation plants is progressing favorably, and the growers have plenty of work before them just now. Asters are now becoming more plentiful; white in good demand at $1 per 100. Plenty of fine tuberose stalks to be had at $3.

Chrysanthemum plants at the various places are in fine shape and the contests among local growers at the chrysanthemum show this fall promise to be spirited.

News Items.

Mr. A. Sherman, of the Sherman Floral & Decorative Co., left for Cincinnati last week to decorate a few large hotels for the G. A. R. encampment at that place.

Mr. Clamp, of Webster Grove, Mo., is cutting some good stock just now and from appearances will have a fine cut of roses, violets and carnations this fall.

Mrs. John Kunz and sons returned home last week after a four weeks stay up North. John is glad they are back. He says this single life is not what it's cracked up to be.

The drummers are now safe to visit Frank Fillmore's place as he lost his pet dog, a fine mastiff. I asked Frank what caused his demise and he told me that the dog just closed "dem eyes" and died.

Martin Renkauf, representing H. Bayersdorfer & Co., Philadelphia, is in town this week selling supplies.

Mr. and Mrs. Fred C. Weber and John Young and daughter returned home Monday morning from their trip through Colorado, Kansas and Nebraska. Mr. Weber, who had been quite sick a few weeks before he left, has improved greatly in health. Even John Young got fat. They claim they had a grand time every day of their stay and are now ready to bowl the games of their life.

Among the Growers.

A few days ago I visited the greenhouses of the Ude Bros., at Kirkwood. The first place, that of F. W. Ude, Jr. I found Fred busy housing his carnations and repainting. Mr. Ude has made a few good improvements and we found everything in tip top shape for a good cut of blooms this fall. He grows only carnations and California violets.

Carnations consisted chiefly of Daybreak, Jubilee, Armazindy, Lizzie McGowan, Eldorado and Scott. Fred has a fine pink seedling which he says is a cross between Scott and Peachblow. The color is more even than the other pink varieties and not so flat as Scott.

From here we went over to Herman and Charlie's places. Herman was also busy planting and has built two new houses this summer. Carnations and violets are all that are grown at this place. Herman expects a large cut from his stock this season.

At Charlie's place we found that he had also added a new house 180x25. Charlie grows only California violets; had great success last year with them and expects the same result this season.

After eating one of Herman's largest watermelons, we started over to see Mr. A. Berdan's place. We did not find Mr. B. at home, but went through his houses. Carnations only are grown at this place. Most of them were grown in the house all summer and look in fine shape. Jubilee, McGowan, Armazindy, Scott and Daybreak are the varieties. Before I left, Fred loaded me up with all the fruit I could carry home.

All the Kirkwood florists have The Review on file for reference.

Bowling Notes.

Last Monday night ended the August series of 17 games, including the games rolled at Omaha. The attendance has not been good since returning from the convention, but the September series promises the full attendance. Charlie Kuehn wins both medals, the average and lucky. Here are the scores:

Names—	No. G.	Total.	Ave.	H. S.
C. A. Kuehn	17	2747	161½	224
R. Beyer	4	612	153	186
J. J. Beneke	17	2593	152½	175
E. Schray	14	2118	151	191
C. Beyer	10	1489	149	196
J. W. Kunz	17	2496	147	197
C. C. Sanders	10	1418	142	222
John Young	5	700	140	173
F. J. Fillmore	14	1646	117½	148

J. J. B.

CHICAGO.

The Market.

The effect of the hot weather is very noticeable in the quality of stock in the market, the change to a cooler temperature not yet having made any appreciable effect. Stock as a rule is very poor and good stuff is in brisk demand. Roses range from $2 to $3, extra grade going occasionally a little higher, while the poorer qualities are lumped off at "any old price" or find no sale. Carnations of good quality range from 75 cents to $1, a few very extra going as high as $1.50, while oceans of off grade are sold in quantity at a few cents a bunch. Good American Beauties bring $2 to $2.50 a dozen and from this the price tapers down to almost zero for the poorest grades.

As indicating the quality of roses and carnations it is only necessary to state that as a general rule the dealers are obliged to sort over a thousand to pick out a hundred fit to use in filling a shipping order.

Good white asters are in demand, but the pink sorts go slowly. There are lots of tuberoses in the market, but there seems practically no sale for them.

The cooler weather seems to have at once stimulated demand, but there is little satisfactory stock with which to meet it. It is believed though that an improvement in quality will be noticeable in a few days if present weather conditions continue.

Various Items.

I. C. Silliman, who has for many years conducted a floral store on the west side, filed a petition in bankruptcy Aug. 31. The indebtedness is given as about $5,000 and the assets are less than $100 above the statutory

exemptions. Mr. Silliman has been struggling along under a load of liabilities for several years, hoping to eventually pay his way out, but the dull summer season brought matters to a focus and he was obliged to suspend.

Mr. Paul Kreisman is now the proprietor of the Morton Grove Greenhouses, formerly conducted by W. H. Mueller. Mr. Paul Kopanka is the foreman in charge.

Mr. O. P. Bassett has returned from his summer vacation. He spent about ten weeks at Delavan Lake, Wis. He purchased a lively team of horses there and put in a good deal of his time driving, not infrequently covering fifty miles in one day. He says the roads are superb and that the long drives were most enjoyable.

Challenge Ventilator Bowling Cup "55" Evans made a spare in Chicago last week. He is swinging around the circle and will make a few strikes in Michigan before returning to Richmond where the factory is running night and day.

Mr. E. Wienhoeber returned from his western trip last Friday.

A. J. Schmidt and R. Mayer, until lately employed in the greenhouses at Lincoln Park, have leased the Reissig greenhouses at Riverside and have started reglazing the houses, which were riddled by hail some weeks ago.

Mr. E. Buettner and family are expected home from their European trip in a week or so.

There is a grand collection of fancy-leaved caladiums to be seen now in the conservatories at Washington Park.

The effects of the recent stretch of burning hot weather are very noticeable in the parks.

Mrs. Horton, of Bassett & Washburn's, has returned from her vacation and is again at her desk.

Mr. C. B. Totman, of the Wooden Goods Co., Minneapolis, Minn., was in the city this week looking after the trade in wooden labels.

Mr. E. H. Hunt left last Tuesday evening for northern Wisconsin, where he will amuse himself shooting big and little game and catching big and little fish. He took his camera along to verify the catches of the latter.

The antics of the temperature the last few days must have kept the growers guessing. The fall from 90 degrees down to 52 degrees (which the thermometer touched Tuesday night) has certainly been very trying.

A very effective large pillow recently noted was made largely of auratum lilies and tuberose stalks, with valley to add delicacy. The center (containing lettering) was of white asters.

W. Kyle, of Kennicott Bros. Co., has returned from his vacation and reports having killed a black snake 7 feet 7 inches long.

Mr. Peter Barr, the noted London seedsman and florist, is in the city, and last Sunday visited the country place of Mr. W. C. Egan at Highland Park. Mr. Barr is on a three-years' trip around the world. He will spend the coming winter in California and will then visit Japan. Though 71 years of age Mr. Barr is remarkably active and is thoroughly competent to find his way around the world alone.

The Right Cypress for Greenhouse Material.

Have you heard of Cypress Greenhouse Material that has not been satisfactory? If you have it does not follow that Cypress is not the best lumber to use. There is White Cypress, Yellow Cypress and Red Cypress; there is Cypress that grows on the high lands and Cypress that grows in the swamps.

All of these different kinds are not suitable for greenhouse purposes. Do you know which kind is best and do you know that kind when you see it? If not you would better buy from those that do know and will deliver exactly what they sell. We introduced Cypress for greenhouse construction and pushed it to the front. We know all about it. For fifteen years we have made a specialty of furnishing it, and during this time we have built up a reputation that we can not afford to jeopardize. We send out the best only.

Write for Circulars or Estimates.

Lockland Lumber Co.

LOCKLAND, OHIO.

Mention The Review when you write.

WILL APPEAR NEXT WEEK.

We have received a telegram from Mr. William Scott saying that a batch of copy for this week's issue is on the way, but it had not been received up to time of closing this number. It will appear next week.

WANT ADVERTISEMENTS.

FOR SALE—First class florists' store, oldest in Los Angeles, Cal. Excellent trade, store in heart of city. A snap for any one wishing to make Los Angeles their home. Owner leaving the State. Address C. P. F. Co., 138 South Spring Street, Los Angeles, Cal.

WANTED—By a man with small capital, to rent a small area of glass, or will take partnership in a growing established florists' business. Address Division, Florists' Review.

SITUATION WANTED—In floral establishment. Is competent in high class design and decoration work; sober and trustworthy; best of reference. Address F. J. B., care of J. J. Beneke, 1222 Olive St., St. Louis, Mo.

FOR SALE—One greenhouse, 1,600 feet of glass, with or without 7-room dwelling house. Splendid chance for shipping to Chicago, St. Louis, Indianapolis and Peoria; cheap; decided bargain for a hustler Address John McDonald, Farmer City, Ill.

FOR SALE—Four greenhouses near Chicago, stocked for growing cut flowers; everything in fine condition; 7,000 carnations in the field; new boiler and piping put in last summer. Can sell houses, stock and land, or stock alone, with 5 years' lease of houses and land. Accident causing permanent disablement of proprietor only reason for selling. Address L. Lechner, 180 Randolph Street, Chicago.

WANTED—I would like to find a desirable greenhouse property that is to rent. Address M. C., care of Florists' Review.

FOR SALE—Four greenhouses, nearly new. Good retail stand. A. CLAUS, Springfield, Ill.

FOR RENT OR SALE—First class retail stand. 5,000 feet of glass. New. In city. Ought to net good man at least $3.00 per day. Must buy stock, about $500.00. Reason for selling, failing health. Address "Illinois," care Florists' Review.

SITUATION WANTED—By expert grower of plants and cut flowers. Competent in every department. Seeks a situation where he may have a chance to make his services worth more than in his present place. Can surely advance his employer's interests if given suitable opportunity. Address S. D., care Florists' Review, Chicago.

WANTED—Single man of good, steady habits, who understands rose and carnation growing. For further particulars, address C., care of Florists' Review.

SITUATION WANTED—By capable grower, German, married, near Chicago. Grower of roses, carnations, 'mums and general stock. References. Address F. S., care of Florists' Review.

WANTED—Position as foreman in first class establishment by one who learned thoroughly in England the trade of gardening, and has followed the florist business for ten years in this country. Will take nothing but first class place and will start at $60.00 a month, with chance of raise after showing ability. Good references. Address Hemb, care Florists' Review.

SITUATION WANTED—By a strictly temperate, all around man. Good propogator, care taker, designer, and understands the care of roses and carnations. Very best of recommendations. Address K. C., care of Florists' Review.

TO RENT—To reliable partner, 11 greenhouses, 16000 feet of glass, store, 7-room house and barn. Business established 15 years, rebuilt last year. Finest location in Chicago. Or will sell the greenhouses; cause, poor health. Garfield Park Floral Co., 1688 West Madison Street, Mrs. Decker, proprietor

FOR SALE—Four greenhouses, 6000 feet of glass; well stocked; business good; in a growing Pennsylvania town. A bargain. P., care of Florists' Review.

FOR SALE. First class Florist store in Baltimore, Md. Excellent trade; 20 years established; owner leaving the State.

Address C. H., care of Mrs. Ruddach, 927 W. Mulberry St., BALTIMORE, MD.

A BARGAIN.

Greenhouse business in a live Illinois town of 2,700 population. Only greenhouses in the county. Six houses, each 11 x 85. Excellent general stock. Everything in fine condition. Will be sold at half its value. Proprietor is in poor health and has been ordered to another climate by his physician.

Address **Bargain, care Florists' Review.**

For Sale AT A Bargain

A hot water boiler, suitable for heating about four or five thousand feet of glass. Also about 1,400 feet of 4-inch pipe.

Address—

W. P. HARVEY, Geneva, Ill.

Mention The Review when you write.

Greatest Bargain...

IN PLANTS

Because All Stock Offered is in A 1 Condition. . . .

Roses...

Maids, Brides, 4-in., $7.50 per 100. Meteors, Maids, Brides, Perles, Niphetos, 3-in., $5.00 per 100.

Violets...

Marie Louise, field-grown, ready now, $6.00 per 100, or $55.00 per 1000.

Carnations

Field-Grown, Ready Now.
Daybreak, Scott, McGowan, Jubilee, Rose Queen, Helen Kellar at $7.00 per 100, or $65.00 per 1000.

Rubber Plants

Ficus Elastica. Plants in 5-in. pots, at $5.00 per dozen.

Begonia Rex, 4-inch pots, $20.00 per 100.

WM. F. KASTING, 495 Washington St., Buffalo, N. Y.

PANDANUS VEITCHII

HANDSOME PLANTS.

6-inch pots	$1.00	each
7 "	1.50	"
8 "	2.00	"
9 "	3.00	"
10 "	4.00	"
12 "	5.00	"

BOSTON FERN

SPECIMEN PLANTS.

8-inch pans	$1.50	each
10 "	2.00	"

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Upsal Station Penna. R. R. GERMANTOWN, PA.
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For the best in the nursery line, both in

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THE STORRS & HARRISON CO.,
Box 32 Painesville, Ohio.
Correspondence Solicited. Catalogues free.
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4 Acres Field-Grown Carnation Plants, 91,000

Our Carnations are grown with the greatest care. Free from disease, and packed light by our improved system of packing, by which we can send them to all parts of the United States and Canada in perfect condition.

CAPTAIN KING	JOE JEFFERSON $2.00 per dozen.	MAYOR PINGREE $10.00 per hundred.	C. A. DANA
JUBILEE	BUTTERCUP $1.50 per dozen.	CRIMSON SPORT $8.00 per hundred.	HELEN KELLER
BRIDESMAID IVORY	METEOR ARMAZINDY $1.25 per dozen.	MME. DIAZ ALBERTINI DAYBREAK $6.00 per hundred.	CHESTER PRIDE STORM KING
SWEETBRIER PORTIA	L. L. LAMBORN SILVER SPRAY $1.00 per dozen.	LIZZIE McGOWAN PURITAN $5.00 per hundred.	WM. SCOTT MRS. FISHER.

Send for Price List. **J. L. DILLON, BLOOMSBURG, PA.**
Mention The Review when you write.

2,000 PRIMROSES, 2¼-in., ready to shift, per 100, $2.00.

1,000 GYNURA AURANTIACA, or velvet plant, a big seller, per 100, $3.00.

22,000 FIELD GROWN CARNATION plants, first size only. Mayor Pingree, Maud Dean, Sloane, C. A. Dana, per 100, $6.00. Armazindy, Daybreak, Helen Kellar, Ivory and Alaska, per 100, $5.00.

25,000 Geraniums, Marvel, S. A. Nutt, Hermanie, La Favorite, Mrs. E. G. Hill, W. P. Simmons and Mrs. J. M. Gaar, and 20 others, rooted cuttings from 2-inch pots, per 100, $2.00; per 1,000, $15.00.

1,000 Salvias, Clara Bedman, La President and Barnum, 2¼-inch, per 100, $2.00.

2,000 Coleus, Southpark Gem, Monarch, Prince Spine and 10 others good for stock, 2¼-inch, per 100, $1.00.

THE MORRIS FLORAL CO., - MORRIS, ILL.
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...NOW READY...

Asparagus Sprengerii Seed Fresh from the vines. 100, $1.00; 1000, $8.00.

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CHINESE PRIMROSES.

Extra fine plants, ready for 3-in. pots, at $2.50 per 100 for finest named colors of single and double varieties. These Primroses are known by the florists as the best to be had.

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Send for Price List.

KEENAN'S SEED STORE. 6112 and 6114 Wentworth Avenue, CHICAGO.

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FERNS Brazilian, 2½-in., strong, 4c. Nephrolepis Exaltata (still the leader), 6c to 12c. Dwf. Sword, 2½-in., strong, 4 to 6c.
CYPERUS, 2-in., 3c.
McCREA & COLE, BATTLE CREEK, MICH.

A BOWLING TROPHY.

In a recent issue of The Review there was an item under the heading of convention notes stating that a movement had been started to have each team entering the annual S. A. F. tournament contribute $10 toward a fund to purchase a trophy to be competed for by the several clubs.

I think the originator of this movement did not consider that such a move at this time might be taken as a reflection upon the Evans Challenge Cup, which is still to be competed for. Should all of the competing clubs contribute $10 each the Evans cup could not be duplicated for the total sum realized. Wait until the Evans cup has been permanently won and then the new move would be in order.

C. C. POLLWORTH.

[Our understanding of the proposed new move was to put up an additional trophy so that the unfortunates who could not hope to win the Evans cup would still have a chance to secure something to show for their effort, and thus intensify the interest in the annual tournaments. We did not understand that there was any intention to have the new trophy take the place of the Evans cup, at least until it had been won twice and thus removed from competition.—Ed.]

KANSAS CITY, MO.—A. Blankenfeld has removed to 3824 Main St., and has built three houses, each 20x100.

NEVADA, MO.—The State Asylum has just completed two greenhouses 20x100. W. H. Miller is the florist in charge. He will be pleased to receive catalogues.

TERRE HAUTE, IND.—Charles A. Hunt has disposed of his retail business to Earle Rippetoe, and will hereafter devote his attention to growing carnations for the M. A. Hunt Floral Co.

CEDAR RAPIDS, IA.—The local florists have been visited by the palm swindler. It was the same old scheme of ordering palms for a decoration at the home of some well known society woman, the swindler being on the sidewalk to receive them, and later a surprise party for everyone concerned except the swindler, who had in the meantime sold the palms for what he could get.

RICHMOND, IND.—The opening of Beach & Chessman's new floral store on Main street took place Saturday, Aug. 27. The store is handsomely fitted up and the opening was attended by nearly 3,000 people. Each visitor was presented with a flower of some sort, but no goods were sold. An orchestra supplied good music and everything possible was done to make it pleasant for the people who called. A local daily printed an enthusiastic report of the event.

KENNICOTT BROS. CO.

WHOLESALE CUT FLOWERS AND FLORISTS' SUPPLIES,

88 WABASH AVENUE, CHICAGO, ILL.

Carnations, Violets and Valley, Specialties. Full Line of Wire Work.

LONG DISTANCE TELEPHONE EXPRESS 466.

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Wholesale Growers of and Dealers in CUT FLOWERS

Greenhouses at Hinsdale, Ill.

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Full Line of Wire Designs and Florists' Supplies

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HIGH GRADE Cut Flowers

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WHOLESALE GROWER OF ROSES.

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EXCLUSIVE IMPORTERS AND MANUFACTURERS .....OF Florists' Supplies

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WIETOR BROS.

SUCCESSORS TO Rogers Park Floral Co.

WHOLESALE GROWERS OF Cut Flowers

All telegraph and telephone orders given prompt attention.

51 Wabash Ave. - CHICAGO.

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Wholesale Florists and dealers in Florists' Supplies

Special facilities for shipping south. Unequaled returns for good stock. Open night and day.

520 W. Jefferson St., Louisville, Ky.

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REINBERG BROS.

600,000 FEET OF GLASS.

WHOLESALE GROWERS OF CUT FLOWERS.

We can fill all orders on short notice with all leading varieties of Roses and Carnations. We are headquarters for fine AMERICAN BEAUTIES. Give us a trial and convince yourself.

Write for Prices on CARNATION PLANTS. 51 Wabash Avenue, CHICAGO.

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"Mistakes Will Happen in the Best of Regulated Families."

YOU WILL MAKE NO MISTAKE WHEN YOU ORDER YOUR FLOWERS OF.....

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W. S. HEFFRON, Mgr. 51 Wabash Ave., CHICAGO.

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Pittsburg Cut Flower Co., Ltd.

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WHOLESALE CUT FLOWERS.

Long Distance Telephone 2157. Consignments of Choice Stock solicited.

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LONG'S Stationery for Florists.

New Ideas, including ANNOUNCEMENTS, BLOTTERS, CARDS, LETTER HEADS, CUT FLOWER TAGS, Etc., Etc.

Five Samples 5c in stamps. Twenty-five Samples, 20c.

DAN'L B. LONG, PUBLISHER, BUFFALO.

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THE BEST FOR ALL Florists

"ROSE LEAF" EXTRACT OF TOBACCO INSECTICIDE

For Sale by Seed Stores

For Free Pamphlet, write to

Louisville Spirit Cured Tobacco Co. Louisville, Ky.

Mention Florists' Review when you write.

CARNATIONS! 2000 Lizzie McGowan, $4.00 per 100; $35.00 per 1000.

500 W. Scott, extra fine, $5.00 per 100.

All clean, healthy, field grown plants. Others are worth a trial, but these are worth growing.

C. PFUND, - - - Oak Park, Ill.

Mention The Review when you write.

...CARNATIONS...

Strong, Field Grown Plants.

Scott..... $6.00 per 100.
Eldorado... 7.00 "
Rose Queen.. 5.00 "

...ROSES...

Strong Plants in 4-inch pots.

Perles, Brides and Maids, $6.00 per 100.
Meteor and Carnot..... 8.00 "

W. T. & F. P. BUTZ, New Castle, Pa.

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THE

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By WM. SCOTT.

It will tell you just what you want to know in just the way you want to be told.

It will cover the whole field of Commercial Floriculture, the articles arranged alphabetically, so that reference may be quick and easy.

It will be a whole library in itself.

Price, $5.00.

Send in your order now.

Florists' Publishing Company

520-535 Caxton Bldg., Chicago.

EXTRA HEAVY CLEAN ...STOCK...

Kentia Belmoreana

6-in., 5 to 7 leaves, $15.00 to $24.00 per dozen.
5-in., 5 to 6 leaves, $12.00 per dozen.

Kentia Forsteriana

6-in., 5 to 6 leaves, $12.00 to $18.00 per dozen.
5-in., 4 to 5 leaves, $ 9.00 to $12.00 per dozen.

Field-Grown Carnations

A fine lot will be ready for Sept. delivery.

THE COTTAGE GARDENS, QUEENS, N. Y.

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100% Profit For You

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WALKER'S PLANT FOOD

ABSOLUTELY ODORLESS

is an ideal food for house plants. Send for free literature.

Walker Fertilizer Co., Clifton Springs, N. Y.

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Rooted Cuttings of **Ageratum Princess Pauline,** the most distinct and novel variety of dwarf compact habit, color sky blue, most desirable plant for retail trade, per 100, $2.00.

Cyclamen Persicum in four colors, fine plants, 4-in., per 100, $12.50. **Roses Souv. de Wootton and Bougere,** 4-inch, per 100, $5.00. **Field Grown Carnations,** Jubilee, Armazindy, Mayor Pingree, per 100, $7.00. Alaska, McGowan, Kohinoor, Daybreak, Rose Queen, Scott, Dorner and W. D. Sloane, per 100, $5.00. Cash with order.

CHRIST. WINTERICH, - DEFIANCE, OHIO.

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"JUST RECEIVED."

We have just received a grand lot of

DRACAENA CANES.

Send for list of varieties and prices.

SIEBRECHT & SON, New Rochelle, N. Y.

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Ornamental Shrubs,

HERBACEOUS PERENNIALS.

A specialty of Iris, Phlox, Pæonies, Pyrethrums, Poppies, etc. Wholesale List on application,

JACOB W. MANNING, The Leading New England Nurseryman. ESTABLISHED 1854. READING, MASS.

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Sphagnum Moss

A very select quality, 75c per bale, 10 bales $6.00.....Grown and packed by

M. I. LYONS, - Babcock, Wis.

Write for prices on car lots.

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PITTSBURG.

The Pittsburg and Allegheny Florists' and Gardeners' Club held its 5th annual basket picnic at Ross Grove, Pa., Thursday, September 1st. The occasion proved an entire success.

The attendance was fair, about 100 ladies and gentlemen being present. The day was extremely warm, which had a tendency to check too violent amusements. The climax in the sports was reached in a handicap foot race in which most of the local florists participated. To the no small astonishment of the younger sprinters, and, perhaps, to his own surprise as well, our old friend John Bader touched the blue ribbon a winner. Amid cheers, he was presented with a piece of French bric-a-brac of risque design as a prize for his fleetness. This picnic will probably not be the last one.

The Pittsburg Cut Flower Co., Limited, recently organized, opened its store for business Sept. 1st. The company has a neat and well equipped store room. Mr. Wm. A. Clarke, treasurer of the company, reports business fair and the outlook promising.

T. P. L.

Mrs. E. A. Williams, the florist of 1713 Carson street, has secured what is perhaps the largest contract for floral decorations for the week of the coming Triennial Conclave of Knights Templar. It amounts to about $1,500.

The manner in which she submitted her bid for the work has been much commended. She studied the interior of the building, had it sketched, decided on her scheme of decoration, and had water color paintings made showing exactly what she proposed to do, and the varieties of flowers, plants and vines to be used. Accompanying this was a careful estimate of the cost.

Other bidders submitted merely a statement in a general way of how they would decorate the building, and the cost.

HUNT'S REVIEW OF THE CHICAGO MARKET.

There has been no change in the condition of cut flower market over previous week. Stock of all kinds continues in heavy supply so far as quantity is concerned, but not much can be said of the quality.

Roses are small, and a large percentage are wide open when received. Carnations in most cases incline to short stems, and owing to the extreme heat of the past week have become noticeably smaller. Asters also show the effect of the heat and lack of moisture, but recent rains will doubtless help them out during the present week. On the whole trade is not satisfactory.

Chicago, Sept. 6, 1898.

SARATOGA, N. Y.

The annual floral fete was more elaborate than ever before. One florist alone supplied 40,000 stalks of gladiolus for the decorations of the grand floral ball. Another one received an order for eight miles of laurel festooning. An immense number of flowers of every description was used in decorating the vehicles and floats that appeared in the grand parade.

SAMUEL S. PENNOCK,
Wholesale Florist,
LONG DISTANCE TELEPHONE
1612-14-16 Ludlow Street, ...PHILADELPHIA, PA.
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ROSES- American Beauty, Bride, Bridesmaid, Perle, La France, Testout, Morgan, Niphetos, Kaiserin, 3 and 4-inch. ASPARAGUS PLUMOSUS, all sizes. MARIE LOUISE VIOLETS, young plants, well rooted.
A. S. MacBEAN, - - - - LAKEWOOD, N. J.
Mention The Review when you write.

Fresh Crop of Choicest GIANT PANSY Seed, brilliant coloring, from Germany and Scotland. Per Trade pkt., 25c. (Have supplied the Pacific Coast for years.)
CYCLAMEN GIANT PERSICUM.
Fresh crop Giants. Pure white, rose, red, white with pink eye, rose with red eye. Per 100 seeds, 75c, in separate colors. Mixed, per 100 seeds, 65c. Cyclamen BULBS of above sorts, 2 to 3 inches diameter, separate, dozen, $1.00.
Roman Hyacinths, white, 12-15, per 100, $1.90, per 1000, $18.00. Roman Hyacinths, white, 13-15, per 100, $2.25; per 1000, $20.00.
Selected bulbs Freesia Refracta, per 1000, delivery included, $3.50; 250 bulbs at 1000 rate. 5 per cent. discount for cash.
H. H. BERGER & CO,
220 Broadway, NEW YORK.
(Established 1878.)
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PANSY SEED!
THE JENNINGS STRAIN.
It is First-Class in Every Respect.
Finest mixed in great variety of fancy colors, $1.00 per pkt. of 2500 seeds; $5.00 per oz.; 3 ozs., $15.00. Prepaid by mail.
Finest Yellow, White, Blue, Black, Red, Pink and Lavender shades, in separate colors, $1.00 per pkt. All large flowering
CASH WITH ORDER.
E. B. JENNINGS,
Grower of the Finest Pansies,
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Asparagus Plumosus Nanus
Strings 10 to 12 feet long, 50 cents. Shipped to any part of the country.
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BRIGHTON, MASS.
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ROSES, CARNATIONS, AND ALL KINDS OF SEASONABLE FLOWERS IN STOCK
WM. F. KASTING Wholesale Commission Florist....
495 WASHINGTON ST., BUFFALO, N. Y.
Also Dealer in Florists' Supplies and Wire Designs
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WHOLESALE CUT FLOWERS,
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Original Headquarters for CARNATIONS.
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WM. C. SMITH
Wholesale Florist,
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LONG DISTANCE PHONE 5008 A.
Consignments of Choice Stock Solicited.
Our central location enables us to fill out-of-town orders at short notice.
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GROWER OF
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COCOS WEDDELIANA,
KENTIA BELMOREANA,
LATANIA BORBONICA.
Mention Florists' Review when you write.

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Stock to sell to the trade advertise it in ....
THE FLORISTS' REVIEW.

New Crop Cyclamen and Pansy Seed.

66-78 Wabash Ave., CHICAGO.

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HUNT'S WEEKLY QUOTATIONS

Taking effect Thursday, Sept. 8, 1898

Subject to Change Without Notice.

We are Headquarters for CUT FLOWERS.

ROSES.

Good stock scarce.

Beauties, long	per doz	$1.50—2.00
" medium	"	1.00
" short	"	.50— .75
Brides	per 100,	3.00—4.00
Maids	"	3.00—4.00
Meteors	"	3.00—4.00
Perles	"	2.00—3.00
Our selection	"	2.00

CARNATIONS.

Selected Stock	per 100,	$1.00—1.50
Good	"	.75—1.00

GREENS.

Asparagus	per string,	$0.50
Ferns Adiantum	per 100,	.75
Common Fancy	per 1,000,	1.50
Smilax	per doz.,	1.25 1.50
Wild Smilax, can supply on 4 days notice. Large case		$8.00
Medium		5.50
Parlor Brand		3.75

MISCELLANEOUS.

Alyssum	per doz.,	$0.15
Sweet Peas (about over)	"	.15— .25
Callas	"	1.00—1.50
Auratums	"	1.00—1.25
Valley	per 100,	5.00
Gladiolus Stalks	"	2.00—3.00
Tuberose	"	6.00
Hydrangea " (fine)	"	4.00—8.00
Ivy Leaves	"	.60
Asters, ord. fine, long stem SEMPLES	"	1.50—2.00
Common varieties	"	.50—1.00

HUNT'S FLOWERS GO EVERYWHERE.

Special Attention given to the Shipping Trade.

Ferns. Ferns.

100,000 very fine commercial stock, grown in 2-inch pots, strong and hard, no better stock offered at double the price. $2.50 per 100; $20.00 per 1000; $50.00 per 3,000.

Also a large stock of field grown CARNATIONS, of the leading varieties, $3.00 to $5.00 per 100.

THE E. HIPPARD CO.,

YOUNGSTOWN, OHIO.

Mention The Review when you write.

Umbrella Plants,

Fine 2½-inch plants . . . $2.50 per 100

SONNENSCHMIDT & JUNGE,

456 E. Washington St., INDIANAPOLIS, IND.

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GOOD SMILAX, 12½c per string, full length, (express prepaid.) Cash with order, please. Orders promptly filled.

HENRY C. SCHWIEMANN,
Wholesale Grower. Box 26, Danvers, Ill.

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E. G. HILL & CO.

RICHMOND, IND.

FINE CYCAS REVOLUTA STEMS

Sizes, 3 to 6 Lbs. 10 Cents Per lb.

Mention Florists' Review when you write.

REED & KELLER,

122 W. 25th St., NEW YORK CITY.

Manufacturers of and Dealers in **WIRE DESIGNS**

FLORISTS' SUPPLIES

Live Sphagnum Moss For Orchids, etc., $1.25 per bbl.

Sphagnum Moss First quality, 85c per bale, 10 bales $6.00.

Peat $1.20 per bale, quality A No. 1.

Z. K. JEWETT & CO.,
SPARTA, - - WISCONSIN.

INSURE AGAINST IN THE FIRE

Florists' Mutual

Fire Insurance Ass'n.

ADDRESS W. J. VESEY, Sec'y, FORT WAYNE, IND.

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PANSIES Worth Raising.

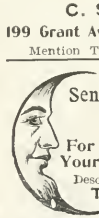
Excellent Seed.

3-16 oz., $1.00; 1 oz., $4.00. Up in 8 to 10 days if properly treated. **Fine Stocky Plants,** $4.00 per 1000. F. O. B. express. Cash with order.

C. SOLTAU & CO.,

199 Grant Ave., JERSEY CITY, N. J.

Mention The Review when you write.



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Descriptive Illustrated Catalogue Free.

THE WM. H. MOON CO.,
Morrisville, Pa.

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THE REGAN ... PRINTING HOUSE ...

Nursery Seed Florists' **Catalogues**

87-91 Plymouth Place, Chicago.

CARNATIONS.

H. WEBER & SONS, - OAKLAND, MD.

Always mention the Florists' Review when writing advertisers.

CINCINNATI.

Trade Review.

Business is beginning to show a slight improvement, although far from being satisfactory. If the extreme hot weather we have endured for the past two weeks would only let up trade would undoubtedly be better

Stock is improving right along, but the retailer buys very cautiously and still finds time to attend the afternoon ball game.

Some fine valley is now being sent in by George & Allen, which sells fairly well at $4 per 100. Beauties are very scarce and no first class ones to be had. The market is simply flooded with tuberoses and even the fakirs can hardly be coaxed to handle them. Asters are fine this season, but are not selling as they should. Flowers that brought $2 and $3 per 100 former years are going slow now at a dollar. Carnations are more plentiful, but must be sold the day they are cut, otherwise they are not salable.

I saw the first Mums of the season at Julius Baer's store on last Thursday. He said they were from the McFadden houses. They were not larger than a good sized aster and on very poor stems.

Notes.

Mrs. Magrie aged 65 years, mother of George Magrie, of College Hill, died Sept. 1st, after a long illness.

C. C. Murphy, who has been confined to his home for the past week, owing to injuries received in another runaway experience, is now able to be out again.

R. Witterstaetter can grow peaches as well as carnations. He brought in a sample last week that beats anything in the market for size.

J. A. Peterson has painted his store white without and within. It is now both attractive and neat and shows off his stock to advantage.

The city is full of old veterans this week and quite a few of the craft from out-of-town are among them.

Max Rudolph and wife have returned from Germany. B.

JADOO IN FRANCE.

The English "Devon and Exeter Gazette" says: "A note from France informs us that Jadoo is gaining ground rapidly in that country, and that everyone who uses it speaks well of it for the vines as also for vegetables. The heat at Margaux last week was intense—97 in the shade. In some cases young vines planted in the ordinary way were dying, but those planted in Jadoo looked quite fresh. The effects of heat were, therefore, an additional advertisement for the Jadoo Company's product."

MARINETTE, WIS.—A local daily prints an enthusiastic description of the contents of Mr. Geo. Vatter's new greenhouses on State street.

A LETTER FROM A

...Chrysanthemum Prize Winner...

"The cutting was struck in January and put in a 4-inch pot about the first of February. Five weeks later it was shifted into a 6-inch pot; in May being given another shift into an 8-inch pot, in pure Jadoo Fibre. Later shifts were made in the same material, and about August 1 the plant received its final shift into a 13-inch pot, in which it was exhibited. When the buds were set I started watering with Jadoo Liquid according to directions about twice a week, gradually increasing the strength until the blooms were half developed, when a little of the Liquid in a much weakened form was given."

Don't you want to be a Prize Winner this year?

The American Jadoo Co.,

817 Fairmount Avenue, ...PHILADELPHIA, PA.

Mention Florists' Review when you write.

The **MODEL** Extension Carnation Support....

Also Wire Rose Stakes.

QUEENS, N. Y., Feb. 16, '97.
MR. THERON PARKER, Brooklyn, N. Y. Dear Sir:—I have tested your latest Model Carnation Support, and am free to say that I consider it the best wire carnation support that I have ever seen. It is quickly and easily applied, and I think will prove very durable, and you certainly deserve great credit for the invention.
Very truly yours,
C. W. WARD.

FLATBUSH, BROOKLYN, N. Y., Feb. 18, '97.
MR. THERON PARKER.
Dear Sir:—Your wire stake is certainly a gem. Without hesitating we endorse it as an up-to-date Carnation Support. Yours truly,
DAILLEDOUZE BROS.

W. HOBOKEN, N. J., Feb. 18, '97.
MR. THERON PARKER, Brooklyn, N. Y. Dear Sir:—It gives me much pleasure to congratulate you upon your success in getting up Carnation Supports. I think that those I have had from you are about as perfect as anybody will be able to make them. They certainly fill my bill for an ideal carnation support, a thing I have been looking for for a long time. Wishing you every success in the sale of them, I am,
Yours truly, E. ASMUS.

Write for Prices, Circular and Special Discounts for early orders.

The Model Plant Stake Co.
THERON PARKER, Mgr., Inventor and Patentee,
22 Morton Street, BROOKLYN, N. Y.

Mention The Review when you write.

Now in Course of Preparation

Price, $5.00
Send in Your Order Now....

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By William Scott

It will tell you just what you want to know in just the way you want to be told.
It will cover the whole field of Commercial Floriculture, the articles arranged alphabetically, so that reference may be quick and easy.
It will be a whole library in itself.

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520-535 Caxton Building, Chicago.

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ORCHIDS

Imported and established stock of A1 quality always on hand, also a complete line of best Cherry Wood Baskets, Fresh Moss and Peat, etc.

ARRIVED, IN FINE CONDITION,

Oncidium Varicosum Rogersii, $15.00 per dozen.
Oncidium Kramerii, 2 to 3 leaves. $15.00 per dozen.

Lager & Hurrell, Growers and Importers.... **Summit, N. J.**

Mention Florists' Review when you write.

HERR'S PANSIES

BUY THE BEST.

Seed at $1.50 per quarter ounce. A liberal packet for $1.00

Plants at 75c per 100 or $4 00 per 1000; 250 for $1.00, by express.

Albert M. Herr,

LANCASTER, PA.

Mention The Review when you write.

IF YOU

Have Any Surplus Stock

to sell to the trade, advertise it in the

FLORISTS' REVIEW.

Always Mention the....
Florists' Review
When Writing Advertisers.

TORONTO.

The Exhibition.

"Have you been to the exhibition?" is the first question one is greeted with on meeting an acquaintance these days. Of course, everyone has been or is going next week (the big week); not to have been is to be like the man on the hearse. The ugly old horticultural hall is as full of plants as ever, perhaps a little fuller, and the general quality is superior. The seventy-five stove and greenhouse plants and the large table of decorative plants, for which there are four entries each, are themselves a big show, and bring out some magnificent plants, a treat to gaze on.

The two best seventy-fives, those from Reservoir park (Mr. George Reeves) and Exhibition park (Mr. J. Chambers), were tied, Mr. Scott being unable to give any other decision. I don't know whether he went over them plant by plant, but even if he had, I doubt whether he could have come to any other conclusion. Both certainly contained some magnificent specimens. Mr. Reeves' dieffenbachias, crotons, Ficus Parcelli, and Davallia Mooreana were especially noticeable. Central prison (Mr. Wm. Houston), which lost all its best plants by fire last fall, was third with a very creditable lot of plants, considering the short time it has had to grow them, and Manton Bros., fourth, with a smaller lot of more commercial size.

For the best table of decorative plants, Manton Bros. took Captain McMaster's silver medal and the first prize with a bright, clean and healthy looking lot of plants very tastefully and prettily arranged, and well deserving the honor done them. Horticultural gardens (Mr. Watkins), second, also with a very pretty table, but with plants rather too large for the style attempted, and the general effect a little stiff. Mr. E. Collins (who set them up) will, however, no doubt remedy this next year; the style is very effective when properly done, but takes lot of study and plants grown for the purpose. Grainger Bros. were third with a very pretty table, but also too stiff. Reservoir park, fourth.

The usual amount of palms and ferns were staged and make a fine display. In the 12 specimen ferns, G. Reeves took first with a very fine lot, a large Platycerium grande being amongst them. J. Chambers' 12 were only a neck behind, if any. Exhibits of plants in flower are improving every year; this year they brighten up the old hall considerably. A grand specimen is Mr. Reeves' plant on trellis, Allamanda Hendersoni. Fancy caladiums are very good plants, not quite so large as have been shown in former years, but the varieties are improving. Tuberous begonias, good, but better have been shown before. Cut flowers come in this week. The other attractions of the exhibition are better than ever, both exhibits and amusements. The Siege of Santiago, including Hobson's exploit, is a great attraction to our American brethren, of whom there are a great number in the city.

Horticultural Association.

The members attending the Canadian Horticultural Association convention will have plenty of entertainment, although that is to be considered strictly as a minor part of the meeting. I see from a newspaper report that the city will give a street car ride, with a luncheon at the finish in Hyde Park, and that the Exhibition Association will give them free admission to the grandstand. It is reported that a delegation of the trade from New York will also be present. The more the merrier. The trade exhibit will probably be a little scattered; a large one is not expected. J. A. Simmers has already put up a fine show of florists' requisites in the Horticultural building.

Various Notes.

The weather has been very hot and dry again all last week, and vegetation was literally scorched; 98 degrees in the shade was registered, the hottest at this time of year since 1854. A nice rain, however, has fallen this morning, and we are promised more.

Mr. A. Ewing is about to join the grand army of florists in Canada, he having bought out a running business in Berlin, Ont. There are no Kaiserhofs or any other kind of hofs in this Berlin, but it is the liveliest and solidest kind of little town (10,000 population) in Canada, and Mr. E. thinks he can be happier and make more money there than in a government "sit." He has been superintending the Normal School gardens eleven years.

E.

GRAND RAPIDS, MICH.

The fore part of last week, the heat was as if the winds of Sahara had struck the town. Carnation planting had to be temporarily suspended. It is resumed, now that the weather has turned cooler and is threatening rain. It is, "Hurry up and get those carnations in."

Trade still out of sight. We are going to send one of the volunteer companies to try and locate it. There are some good roses, even to fine Beauties, coming in. Carnations scarce and poor. Asters, what are left from the ravages of disease, are fair.

The Florist Club holds its first meeting of the season tonight at the Eagle Hotel.

GEO. F. CRABB.

COLORADO SPRINGS, COLO.

The sixth annual Carnival of Flowers was the grandest affair of the sort ever held in this city. The parade contained an immense number of vehicles elaborately decorated with flowers and floats of a suitable character. The whole city was handsomely decorated and great crowds of visitors were present from other cities.

Hot-Bed

Sash.

Tenons white-leaded. Corners secured with iron dowel pins. Every detail of construction perfect. Made of Clear Cypress Lumber.

Quick Shipments.

We have in stock and can ship immediately:

3	ft. x 6 ft.,	3 rows	10 in. glass.
3 ft. 3 in. x 6 ft.,	4	"	8 in. "
4	ft. x 6 ft.,	5 "	8 in. "

Not glazed, 1¾ in. thick.

Delivered Prices

Quoted on application. State size and quantity wanted. No order too small to receive careful attention, and none too large for our facilities.

LOCKLAND LUMBER CO.,

Lockland, Ohio.

Mention The Review when you write.

ZIRNGIEBEL'S GIANT PANSIES.....

Plants of the above strains at the same rate as the common varieties, viz., $5.00 per 1,000.

With our system of packing plants can be sent safely any distance.

DENYS ZIRNGIEBEL, NEEDHAM, MASS.

Mention The Review when you write.

LILIUM HARRISII, 5x7, $4.00 per 100, select. Prices on larger lots on application.

Cyclamen Persicum Grandiflorum, fresh seed, in 8 distinct varieties, per 100, $1.00; per 1000, $8.00.

STUMPP & WALTER CO.

50 Barclay St. NEW YORK.

Mention Florists' Review when you write.

ROSES ROSES

No finer grown. Big bushy plants, full of flowering shoots, out of 3 and 3½-inch pots, at $3.00 per 100. Meteors, Brides, Bridesmaid, Perle and Beauty. This stock is cheap at twice the price, but must be sold at once to make room.

SMILAX PLANTS, 2-inch pots, full of roots and covered with plant. No finer to be had and at lowest price ever quoted, 75c per 100, $5.00 per 1000. Cash with order.

SOUTH SIDE FLORAL CO., SPRINGFIELD, ILL.

Mention Florists' Review when you write.

Always Mention the....

Florists' Review

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SEA BRIGHT, N. J.

The Monmouth County, New Jersey, Horticultural Society held its summer exhibition of Plants, Flowers and Fruits at the Casino, Rumson Road, Sea Bright, N. J., Aug. 31 and Sept. 1. The exhibition was very creditable to this live young society and no estimate can be placed on the amount of good done by it in practical lessons in horticulture. George Hale staged a grand group of 36 varieties of fancy caladiums. N. Butterbach some 35 varieties of asters. Harry Kettel a splendid all round exhibit. And all the others connected with the show deserve great credit. Following is the list of awards:

Class A, for Gardeners Only.

Group of decorative plants, Geo. H. Hale 1st, H. A. Kettel 2nd.
Six adiantum ferns in pots, Geo. H. Hale 1st, H. A. Kettel 2nd.
Group of ferns, N. Butterbach 1st, Geo. H. Hale 2nd.
Six palms, assorted, N. Butterbach 1st, H. A. Kettel 2nd.
Six crotons, assorted, Geo. H. Hale 1st, N. Butterbach 2nd.
Six dracaenas, N. Butterbach 1st.
Four coleus in pots, W. Kennedy 2nd.

Class B, for Gardeners Only.

Collection of begonias, H. A. Kettel 1st.
Four fuchsias, W. Kennedy 1st.
Four double petunias, W. Kennedy 1st.
Four geraniums, W. Kennedy 1st.

Class C, for Gardeners Only.

Best vase of roses, O. McIntosh 1st, H. A. Kettel 2nd.
Best vase of carnations, N. Butterbach 1st, R. Millican 2nd.
Twenty-five spikes gladiolus, Geo. H. Hale 1st.
Collection of dahlias, W. Kennedy 1st, Geo. H. Hale 2nd.
Vase of mignonette, N. Butterbach 1st, G. Standen 2nd.
Collection of perennials, Geo. H. Hale 1st, R. Millican 2nd.
Collection of annuals, Geo. H. Hale 1st, O. McIntosh 2nd.
Collection of asters, N. Butterbach 1st, R. Millican 2nd.
Bouquet of flowers, R. Millican 1st, W. Kennedy 2nd.

Other Classes.

In Class D, for amateurs only, for best geranium D. Schuman was first. For collection of wild flowers J. Kennedy 1st, A. S. Kettel 2nd.
In Class F, for school children, for best geranium A. Weybright 1st, L. Sherman 2nd. Best fuchsia M. Minthorn 1st. Best coleus T. Stromenger 1st. Best heliotrope M. Naughton 1st, K. Wooley 2nd.
Class G was open to all. First premiums were taken by G. H. Hale for 2 indoor cucumbers, 4 outdoor cucumbers, 4 lettuce, collection 12 vegetables, 2 bunches radishes and six turnips. By G. Standen for 2 best squashes and dish wax beans. By A. Brighton for 4 best white cabbage. By H. A. Kettel for 2 red cabbage, 12 ears corn, 12 beets and best dish green peas. By J. A. Kennedy for 2 egg plants, dish lima beans, 12 potatoes and 12 tomatoes. By O. McIntosh for 12 onions, 12 carrots and 2 muskmelons. By R. Millican for 6 peppers and 2 water melons. By T. Mulligan for dish green string beans. By W. Kennedy for 6 kohlrabi. By T. McIntosh for 6 heads celery. By G. Kuhn for 12 sweet potatoes.
Class H was also open to all. First premiums were awarded to G. Standen for 12 peaches, 12 pears, 12 cooking apples and collection of outdoor grapes. To Geo. H. Hale for 2 bunches hot house grapes. To O. McIntosh for 12 dessert apples. G. Kuhn was second on peaches, H. A. Kettel on pears and 12 cooking apples. W. Kennedy on dessert apples.

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When Writing Advertisers.

..FIRST QUALITY FORCING ROSES..

Fully equal to those sent out the last six years, first-class and perfectly healthy in every respect
Only selected growth from flowering shoots used in propagating.

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METEOR, SUNSET, BON SILENE, PERLE, KAISERIN,
BELLE SIEBRECHT, MME. HOSTE, BRIDE,
3-inch pots, $6.00 per 100; 4 inch pots, $8.00 per 100

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Our Stock Surpasses that of all previous years.
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Emma Wocher
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Tidal Wave
Portia
Lizzie McGowan
Alaska
Kohinoor
Nivea
$3.00 Per 100
$25.00 Per 1000

Morello, Mayor Pingree, Flora Hill
$6.00 per 100; $50.00 per 1000.

NO ORDER FOR LESS THAN 100 ACCEPTED.

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CARNATIONS -- Pingree, Armazindy and Triumph, field grown. Ready now, write for prices.
ROSES -- Brides, Belle Siebrecht and Meteors in 3-inch pots. Maids, Brides and Beauties in 2½-inch pots.
SMILAX, in 3-inch pots, $3.00 per 100.
Send 50c or $1.00 for samples and prices to
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CHINESE PRIMROSE
15,000 single, mixed colors, 2 and 2½-in. pots, $2.00 per 100.
Pansy Seed. ½ oz., $2.00; oz., $3.50. Plants Sept. 20th, $3.50 per 1000.
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10,000 Choice Bulbs in 30 varieties.
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A good season has put our Field Grown Stock for Fall Planting in excellent condition, clean, healthy and strong.
The condition of our ground is such to insure the lifting of a plant with little or no loss of roots. Send for Price List.
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BUT
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in our CLEARING SALE of our SURPLUS of strong and healthy Stock plants true to name. We offer:

Geraniums, best varieties	per 100,	$6.00
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Please write for special low prices of our General Florists' Stock, especially, Cannas, Fuchsias, Genista, Bi- and tri-colored Geraniums, Scented Geraniums, Mme. Salleroi Ger., Heliotropes, Hoya Carnosa, Lemon Verbena, Pelargoniums, Vincas, etc. Stock A No. 1. Cash please.
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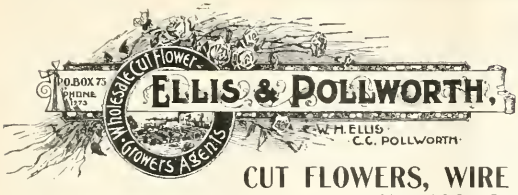

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We have several hundred extra fine plants from two to three feet high to be sold at a sacrifice. For prices apply to

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PLUMOSUS NANUS, 2½-in. pots, $7.00 per 100. Per 100

Roses, Bride and Bridesmaids, 3½-in. pots. $5.00
Cyperus Alternifolius, 2½-in. pots 2.50
Grevillea Robusta, 2½-in. pots 2.50

NATHAN SMITH & SON, Adrian, Mich.

Mention The Review when you write.

RICHMOND, VA.

Mr. C. F. Wood, one of the junior members of the firm of Messrs. T. W. Wood & Sons, seedsmen, has severed his connection with that organization, preparatory to leaving for Louisville, Ky., in which city he will seek to establish a business of his own, with Mr. W. P. Stubbs, of the Richmond house, as a partner.

A farewell dinner was given Messrs. Wood and Stubbs on the eve of their departure by the employes and members of the firm of T. W. Wood & Sons.

BLUE BEDDER LOBELIA.

This lobelia was very promising early this season at Lincoln Park, Chicago, but alas, in August it died down to the ground after having grown to a height of 12 inches. It was used as a border around a geranium bed and it seems hardly possible that it could have damped off from lack of air in among the plants. Mr. Stromback is much disappointed as the thought he had found in this lobelia a really useful new bedding plant.

Always mention the Florists' Review when writing advertisers.

J. M. THORBURN & CO.

Late of 15 John Street, Have

REMOVED TO 36 CORTLANDT STREET, NEW YORK.

CATALOGUE OF BULBS AND CHOICE FLOWER SEEDS
for Florists now ready and mailed free on application.

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Rex Begonia.

34 named varieties, 2-inch pots,	per 100.	$3.00
34 " " rooted cuttings,	"	4.00
Mixed Rex, rooted cuttings,	"	2.00
" 2-inch pots	"	4.00

Write for prices on other stock.
Terms cash or C. O. D.
Named Rex Begonias, 3 of each kind in each 100.

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WATERTOWN, N. Y.

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purchased from Sheriff, Receiver, and Assignee sales at less than one-half prices. Pipe and Fittings, Hose, Florists' Wire, Hot Water Heaters, Greenhouse Boilers and Engines, Rope, Light Wrought Iron Pipe, Glass Sash, and thousands of other articles, for sale by

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Rose Plants.

100 American Beauties, 3½-inch..	$5.00 per 100
Bridesmaids, 3½-inch.....	3.50 "
Meteors, 3½-inch.....	3.50 "

Healthy, vigorous plants; grown for our own use. May be returned at our expense if not satisfactory.

BURLINGAME, CALIFORNIA.
BRANT & NOE—Gentlemen: Rose Plants arrived in splendid condition. Yours truly, E. H. McCLELLAND.

BRANT & NOE, FOREST GLEN, ILL.

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That's what they call me.

FRESH SEED NOW READY.
J. B.'s Challenge is all that the word implies. Try it. Large trade packet $1.00 cash.
PLANTS ready about September 15th.

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If you are in the trade and are not yet a subscriber to the FLORISTS' REVIEW, send in your name and one dollar now and you will receive not only the FLORISTS' REVIEW for one year, but also a certificate entitling you to the earnings on one dollar's worth of stock in the Florists' Publishing Company.

Why do we make such an unparalleled offer? It is very simple.

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ST. PAUL, MINN.

A slight improvement is noticeable in the bulk of sales, which will be largely increased with the cooler weather of next month. Roses are in fair supply, with the demand equal to or exceeding the cut. Carnations are in good demand, with the supply inadequate to the trade requirements. Sweet peas, gladioli and other outside stock is in fair supply and limited demand. Asters are a total failure and no first class ones can be obtained.

The visitors to Omaha have all returned and all report an enjoyable time and are full of praise for Brother Wilcox and wife and all others who so kindly contributed to the pleasure.

On our return trip the writer stopped off at Des Moines and was surprised and pleased at the wonderful evidence of thrift and prosperity in Iowa's metropolis and capital. W. L. Morris has a fine large store in the best location in the city. His place is one of the neatest and best we have seen in the west, while the genial smile and cordial greeting of the proprietor cannot help being trade winners. At his range of houses containing 30,000 square feet of glass we were met by his foreman, Mr. Newell, and shown about. His roses and mums are in fine shape, full of promise for a good crop later. Asparagus Sprengerii and umbrella plants were very much in evidence and are, as I was informed, very good sellers with them.

Our recent callers were J. E. Killen, representing C. H. Joosten; W. F. Dreer, Mr. Miller, of Boston, and W. H. Elliott, of Brighton, Mass.

X. Y. Z.

DUTY ON PALM LEAVES.

By a decision of the U. S. General Appraisers at New York, under date of Aug. 25, "palm leaves, either painted, dyed, or subjected to some solution designed to preserve them from the decomposing action of the air" are held "not free under either paragraph 552 or 617 of the tariff act of 1897, but dutiable at the rate of 30 per cent. ad valorem under paragraph 449, act of 1897."

The importers claimed free entry under paragraph 552, which places on the free list "palm leaf in its natural state, not colored, dyed, or otherwise advanced or manufactured" and under paragraph 617 as "vegetable substance, crude or unmanufactured, not otherwise provided for." The protests were overruled and the collector's decisions were affirmed.

THE YOUNGEST PRESIDENT.

In speaking of President-elect Rudd in last week's issue, we intended to refer to him as "one of the youngest" men ever selected to act as the chief executive of our national society, and not as "the youngest." President Gude is, we believe, an even younger man than President-elect Rudd.

The Harrisii Disease

can be prevented by immersing the bulbs for 5 hours in a half solution of.....

..Kraft's Plant Tonic.. 99%

This has been conclusively proven by experiments at Lincoln Park, Chicago. The Tonic also kills **Hard Shelled Scale, Mealy Bug,** and other insect pests without injury to the plant. A trial of a 25-cent bottle will convince you that a really remarkable insecticide has been discovered. Send for circular.

Kraft Plant Tonic Co., Rockford, Ill.

Mention The Review when you write.

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IMPORTERS, GROWERS AND DEALERS IN **CHOICE SEEDS, BULBS AND PLANTS**

Lilium Harrisii.

5 x 7, $37.50 per 1,000, $4.00 per 100. 7 x 9, $75.00 per 1,000, $8.00 per 100. Terms 90 days to customers of approved credit; otherwise, cash with order. Prices on all other Bulbs and Roots cheerfully given.

F. W. O. SCHMITZ, - - JERSEY CITY, N. J.

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ASPARAGUS SPRENGERI 50,000 Plants, 2½-in. pots, $5.00 per 100, express. 24 by mail for $1.50

SPECIMENS FOR 8-INCH POTS, $6.00 per 12.

A. BLANC AND CO. PHILA.

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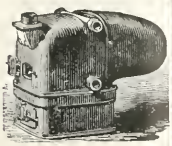

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PANSY. Hunt's Unrivalled Mixed. The standard high grade mixture for Florists. ¼ oz., $8.00; one eighth oz., $1.00; trade packet, 25c.

Giant Trimardeau Mixed. Our own mixture of all the named varieties of the Trimardeau Pansies. ¼ oz., $3.50; one quarter oz., $1.25; one eighth oz., 75c; trade packet, 25c.

Fine mixed; a mixture of all the Bedding Pansies, containing over THIRTY varieties. ¼ oz., $1.00; quarter oz., 25c; trade packet, 10c. And all the leading NAMED varieties; for price of these please send for our circular on PANSY SEED.

SMILAX SEED. Trade packet, 10c; oz., 25c; quarter lb., 90c; lb., $3.25.

CYCLAMEN PERSICUM GIGANTEUM. Grown for us from our own stock seed. Hunt's strain of Cyclamen is known generally by the trade. Bright red; white, pink throated. Mixed, including all the desirable colors. 100 seeds, 75c; 1000 seeds, $5.00.

PRIMULA SINENSIS FIMBRIATA. Our experience has enabled us to obtain the very best varieties of this important class of Florists' stock.

Single White	Trade Packet,	350 seeds,	50c	Double White	Trade Packet,	50 seeds,	50c
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" Kermesina Splendens	"	350 "	50c				
" Mixed	"	350 "	50c	" Mixed	"	50 "	50c

PRIMULA Obconica ..... Trade Packet, 25c
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CALCEOLARIA Hybrida Grandiflora Trade Packet, 50c
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For a complete list of Florists' Flower Seeds see our general catalogue, sent on application. Address

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2,500 Flora Hill, fine ..... $6.00 and $8.00 per 100.
1,000 McGowan ..... 3.00 and 5.00 "
1,000 Daybreak ..... 3.00 and 5.00 "
400 Violets, fine clumps, Campbell and Farquhar, $5.00 per 100.
500 Vincas, fine clumps, 3 varieties, $6.00 per 100.
100 Dracaena Indivisa, strong, 3-inch pots, $5.00 per 100.
Stock Geraniums from 3-inch pots—Nutts, Hills, La Favorite, Glorie de France, Nephetos, Bailey, Heteranthe and others. My selection of all the varieties named, $4.00 per 100. Customer's selection, $5.00 per 100.

"CLYDE." A New Single Geranium, a seedling of Mrs. E. G. Hill. In every way like its parent, excepting color, which is a beautiful bright red, shaded somewhat with orange. A variety worth trying. Fine for pot or bedding. Orders booked now. Price 35c each, $3.00 per dozen. Cash with order from unknown customers.

W. E. HALL,
SUCCESSOR TO E. HALL & SON,
CLYDE, O.

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CARNATIONS

Nice, Strong, Field Grown Plants.

Daybreak ..... $2.50 per 100. } Cash
Lizzie McGowan. 2.50 " } with
Tidal Wave ..... 2.50 " } Order.

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Ornamental Trees, Shrubs, Vines and Roses

IN THE UNITED STATES. WRITE TO US FOR SPECIAL PRICES.

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Just at present we have a surplus and room is scarce. We will fill orders to the trade as long as surplus stock lasts at $12.00 per ton, $7.00 per ½ ton, $1.00 per 100 lbs. Cash must accompany each order.

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NEW DAHLIA COLUMBIA.

Mr. D. S. Heffron, Washington Heights, Ill., sends us blooms of his seedling dahlia, which he has named Columbia. The flowers are large, very double, and the color a remarkably rich, velvety crimson. It is a seedling from Alexander Cramond, an old English sort.

The flowers hold the petals with remarkable persistency. Those sent us were somewhat old and the lower petals had dried up, but none had dropped. This persistence of the petals will add materially to the value of this sort for cut flowers, and the color is one that will appeal to all flower buyers.

We trust that Mr. Heffron will soon be in a position to place this choice dahlia on the market.

COLORADO SPRINGS, COLO.—The annual flower carnival was held here last week. An immense number of flowers was used to decorate the vehicles and floats that appeared in the floral parade.

Mention The Review when you write.

STANDARD POTS

Every user of Flower Pots should correspond with us before purchasing elsewhere. Our facilities are unequaled.

A. H. HEWS & CO., - N. Cambridge, Mass.

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EVANS' Improved CHALLENGE VENTILATING APPARATUS.

Write for Illustrated Catalogue

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375 Lincoln Ave. CHICAGO.

Greenhouse PIPE and FITTINGS OF EVERY DESCRIPTION.

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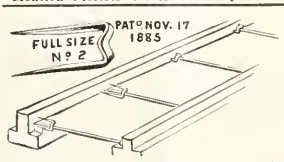

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No rights or lefts. Price per box of 1,000, 60c; by mail, 75c; in lots of 5,000 by Ex., 55c per 1,000.

HENRY A. DREER, 714 Chestnut Street, PHILADELPHIA, PA.

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ESTABLISHED 1866 EMIL STEFFENS SUCC'R TO N. STEFFENS AND STEFFENS BROS.

MANUFACTURER OF FLORISTS' WIRE DESIGNS & SUPPLIES

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HENRY W. GIBBONS, 134 Liberty St., NEW YORK.

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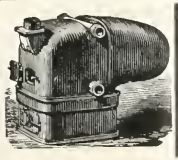

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233 MERCER ST., NEW YORK.

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Hot Water Boilers, Pipes, Fittings And Ventilating Apparatus

Send Four Cents for Catalogue.

Mention Florists' Review when you write.

RIVERTON, N. J.

The writer was one of the last to leave Omaha, with pleasant recollections of the convention and incidents connected therewith, and whilst the majority had shaped their courses homeward, including ardent Billy, from Pleasant Hill, I dropped down to Indianapolis, where I met the enthusiastic Anthony Wiegand, who was held back wholly owing to the heat. Could he have carried one of his splendid bay trees along to shade him, he would have been content. His stock is in excellent shape. He is well pleased with the results of the method he is pursuing in growing palms.

Cincinnati was my next stop. Here I met the versatile E. G. Gillett booking advance orders for the G. A. R. convention. This was one reason why he failed to attend the S. A. F. convention. The rush also kept Messrs. Ball and Mann at home. One item, the handling of some ten thousand spikes of tuberoses, grown by George & Allan, will be a feature during the week of the G. A. R.

A. Sunderbruch's Sons are busy planting carnations and attending to a promising lot of chrysanths.

J. A. Peterson cannot resist the temptation of salt water just so soon as the heated spell sets in so with his good wife bied themselves to Put-in-Bay, where they had a fine time. Now they are back and he is busy putting in red cedar benches with soft brick to act as drainage; says it requires but one-half the amount of lumber; it is an improvement. I noted some houses fixed this way and planted early looking remarkably well. His chrysanths are fine as usual. He prefers soft wood cuttings of poinsettias in preference to hardwood; make much cleaner plants. Farleyense, Pandanus Veitchii and fancy dracaenas are amongst his many successes, whilst the violet, Princess of Wales, promises to do fully as well as last year, when $5 per 100 was realized for blooms, in the height of the season.

W. C. Nolan finds all he can do to keep cool and get his stock in shape for fall business, which promises to open up good.

Dayton was the next stopping-off place. I found H. H. Ritter just returned from the East. His doctor advised Atlantic City as a sedative for an overworked system. Incidentally he visited the plant establishments adjacent, and, judging by the elegant stock he now has, must have invested heavily. Mr. Ritter has a fine decorative business. We missed the genial face of Mr. Ritter, senior, who beamed on us at Providence last year. I was sorry to learn the venerable gentleman has been very ill, but hopes to soon be around again; we echo this feeling.

'Tis not far to Columbus, and here I met Mr. Knopf, of the Franklin Park Floral Co., who is justly proud of their several houses of roses, which look very thrifty.

The veteran Maurice Evans has a capital lot of pot chrysanths, which always sell well with him. The founder of the Underwood Bros.' concern had recently returned from the West and has been regaling his boys with stories of the great time he had out there, but did not see anything much better in houses or stock than they possess.

Gus. Drobisch was busy when I called putting up a batch of field grown chrysanths, which sell well on the market. He reports catalogue trade fully up to the average.

Mr. Danzer, manager of the Floral Department of A. Livingston's Sons, reports the outlook for the forthcoming season a good one. In fact, all with whom I come in contact are very sanguine.

Arriving home in due course, I visited the Dreer place and found the boys discussing the recent big picnic which passed off so successfully and had many interesting features associated with it. It was truly a gathering of the clans. A crack Italian band, led by a 250-pound drum major, who towered above the procession, a sturdy Teuton armed with a Martini Henry to keep the immense crowd from falling into the lily ponds, that were also jealously guarded by a stalwart son of Albion, whilst a bonny Hielander, dressed in full canonicals, playing "The Campbells are coming" as a processional, filling all with enthusiasm, which did not evaporate, although much smoking was indulged in. 'Twas a gorgeous sight, the display of cannas alone being well worthy of the trip, and although a hot time was indulged in, O'd Sol being particularly sociable on this occasion, all voted themselves vastly benefitted, both mentally and physically by the outing. M.

ROCHESTER, N. Y.

August is a month of rest for the retail florist. Trade is then almost at a standstill, though this year the latter part of the month business improved considerably above the average and some of our retailers were quite busy at times. Flowers could be had in adequate quantities at all times and quality was good, excepting roses, which were neither very plenty nor very good. None of our local growers had made arrangements for a summer crop, which undoubtedly would have paid them fairly well this season. Some are speaking now of filling a house or two with La France, Testout and Kaiserin next summer, and we hope they will when the time comes, for there is always a fair demand for good roses and it is often impossible to find them on short notice.

Summer carnations are not any too plenty either but this want is not felt so badly for at this season we have a number of flowers which may be used instead. Several farmers in the vicinity grow asters by the acre and thus the market is well supplied with all grades early and late, in fact these men had their asters in several weeks before our florists were able to cut any of their own. Achillea, phloxes, hollyhocks, lilies and a few other hardy things are now also grown largely by these farmers and they always find a place to dispose of their flowers. The price paid for such stuff varies greatly with the daily demand, but the farmers are willing to take their chances.

The weather for the past week has been as hot as elsewhere, but stock has not suffered yet, because just before the hot spell set in, we were favored with a very heavy rainfall, which soaked the ground thoroughly, in fact the heat and the moist soil were beneficial to all those things which had their foliage burned or damaged during the rainless summer, and which had just commenced to make new growth. Without the copious rain, this new growth, being so soft, might have suffered again, especially on the young shrubs in nursery rows, which are starting off vigorously now; many of them had not made more than a few inches of growth since planting time. A good rain on Labor day cooled off the atmosphere and at the same time improved the condition of the soil.

K.

HARDY FLOWERS FOR CUTTING.

Mr. D. S. Heffron, Washington Heights, Ill., has for years made a specialty of hardy flowers for sale in the Chicago market. In response to an inquiry he names the following as the most profitable sorts for this purpose.

Spiraea Van Houttei he finds admirable for early spring. The florists find ready and profitable use for the long sprays in vase work and among loose flowers, and many pick off the little clusters, stem them and use in design work. The flowers last very well and have become quite popular with Chicago florists.

The fragrant double syringa (Philadelphus coronaria flore pleno) holds its flowers well and is very useful as a cut flower. The double sort holds its flowers much better than the single one. The florists use it in much the same way as they do the spiraea.

The German irises he has found profitable and good sellers. He has some fifteen varieties, and finds the white, yellow, and very dark varieties sell the best.

Gladioli also sell well in their season and are profitable, though more apt to be overdone.

Hydrangea paniculata grandiflora has been a feature with him for years and has been a very profitable crop. The plants are cut hard back each year and made to produce four to six very large heads on long stems. These always bring a good price.

SARATOGA, N. Y.—The annual floral festival was held Sept. 6. The decorations and parade were on a grander scale than ever before. There was a grand ball in the evening.

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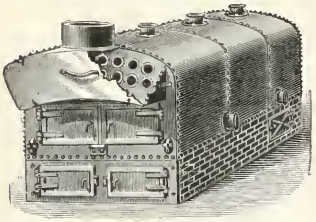

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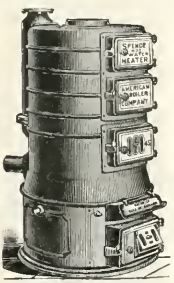

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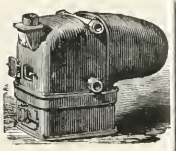

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Watson B M 52
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Araucaria Excelsa.

ARAUCARIA EXCELSA.

The Norfolk Island pine is becoming so well known as a regular member of the average florist's stock that an extended description seems almost superfluous at this time, and though the vagaries of fashion may interfere with its sale at times in some of our large cities, yet there will continue to be a demand for these most symmetrical little evergreens, though possibly not at the fancy prices once realized for them.

But as we expect to continue advancing in the science of horticulture, we may perhaps hope to overcome some of our climatic disadvantages that prove an obstacle to the cheap, or rather profitable, propagation of these plants at the present time, and were this accomplished the market for araucarias might be greatly extended.

The small specimens of Araucaria excelsa, with their frond-like branches and graceful outline that are common to the trade, doubtless give us but a faint idea of the magnificence of the mature trees in their native country, where specimens ranging from 100 to 150 feet in height are not uncommon, and the tree being usually found in solitary examples rather than in masses or forests as are some of the other members of this genus, the same beauty of proportion is shown, being only enhanced by greater size.

Another peculiarity of Araucaria excelsa appears in its confinement to Norfolk Island as a native habitat (at least unless further discovery has been made quite recently), thus giving this diminntive island, which is situated about 1,100 miles east of Australia, greater distinction than was conferred upon it by the British government in placing upon it a penal colony.

As to the cultivation of A. excelsa it may be stated that one of the main things to be avoided is giving too much heat, this resulting in long-jointed and soft growth, and also providing conditions favorable for an outbreak of red spider and thrips.

A night temperature of 50 degrees and a moist atmosphere will provide for strong and healthy growth, and if

the temperature should fall to 45 degrees on a cold night no harm will be done. Plenty of water at the root and also overhead is required, and these plants will also respond to liberal treatment in regard to soil, a fair sprinkling of bone dust in the soil being beneficial.

Propagation is effected by seeds, by cuttings and by grafting, the stock in the latter case being usually the hardier A. imbricata, but up to this time comparatively few have been propagated by the latter methods in this country, the majority being imported from Europe as small plants.

W. H. TAPLIN.

THE ROSE.

Its Cultivation Today As Contrasted With Ten Years Ago.

[Read by Mr. H. Dale at the Convention of the Canadian Horticultural Association, held at Toronto.]

At the outset I will say that my experience in rose growing has been gained under glass entirely, I never having had anything to do with outdoor culture of the rose. Looking back ten years I see many changes both in the varieties grown and methods of growing, and in the handling of the output. And I am pleased to be able to say that these changes are all for the better, excepting probably in one particular, and that an important one, namely, the price obtained for our goods. This point I will touch upon later.

First I will speak of varieties grown. Ten years ago we were growing fully as many or more kinds than now. We had Bride, Mermet, Perle, Sunset, Bennett, La France, Niphetos, Gontier, Bon Silene, Cornelia Cook and a few of the old and well known Marechal Niel. Contrast the foregoing with the favorites of today; Bride, Perle and Sunset are about the only ones found on the list. A number of new ones have been brought forward for trial during the past ten years, the most of them only to be discarded as worthless. Looking back we can remember the grand flourish with which Puritan, Belle Siebrecht and some others were heralded in; their introducers doubtless admire the very gentle way in which they slipped out again along with Waban, Duchess of Albany, Christine de Noue and several others. But a few good ones have been sifted from the chaff and we have Bridesmaid, Meteor, Hoste, Wootton, Morgan, Cusin and Beauty, and no one will gainsay the fact that the list of today is a great improvement on that of ten years ago.

But the tendency seems to be toward cutting down the list. The call is for Bride and Maid and each year we have to grow more of these two kinds and less of other varieties, so that now by far the greater proportion of the room is planted with these two. But I fear this continued sameness will be hurtful to the reign of the "queen of flowers;" she holds sway at present and I believe will continue to do so if new kinds are brought forward which will give us more variety and keep pace with the improvements in other flowers, for it cannot be denied that there are great advances being made in some flowers which are in competition with the rose. This is not a new idea I know; others have felt the same thing and spoken of it, but I mention it again as I think it is important. It would be a great boon to us rose growers if just at this time we could get one or two new ones that would combine the good qualities of Maid and be of some different color or form that would make them acceptable to the flower buying people. Very little has been done heretofore in America in the way of raising new varieties, for although some of the best are of American origin, they have been "sports," and the introducers of these kinds should put forward no claim for honor as originators. Dame Nature deserves all the credit. But mind you I do not blame anyone who, seeing a good thing, reaches out and grasps it. Like Micawber, I have been waiting for "something to turn up" in this line myself for the past ten or fifteen years.

Methods of Growing.

Here I see many changes as compared with ten years ago; at that time solid beds were used to some extent, and these beds were solid and no humbug about it. Mother earth was spaded over and enriched with manure, the roses planted and allowed to remain from year to year with a severe pruning back in summer, generally about August. So-called solid beds are still used, but they are prepared in quite a different and more elaborate manner, with ample drainage and means for admitting air and introducing heating pipes under the beds.

Bench roses were grown on sloping benches, each bench or table having a slope to the south of several inches. But of late all benches that I know of are built level and are much easier to manage. I find six feet the most convenient width, with walks on either side, and would not recommend the use of side benches, as I find the main demand is for long stemmed No. 1 stock, and this cannot be grown on side benches near the glass. Late planting was the general practice ten years ago, July and August being looked upon as the proper time to plant. But we have started planting earlier each year until now May 1st is looked upon as none too early to make the first planting, and all should be finished up in July.

The merits and demerits of grafting tea roses for winter flowering has been a question at issue for the past ten years or more. I remember in the year 1887 there was quite a controversy among some of the prominent growers in the United States as to whether own-root or grafted roses were the most suitable for the purpose. It is still an open question. Mr. John N. May at that time championed own-root stock and I note that he still sticks to his colors. On the other hand there are many growers who speak highly of grafting, and I must be allowed to enrol myself among the latter, my past experience going to show that there is a great advantage gained by grafting Maid and Bride on Manetti. I have had no experience with other varieties; probably there are other kinds which would be benefitted by using the Manetti or some other stock.

In regard to handling of our output there is not any great change from methods followed ten years ago. Then as now the product was sold direct to the retailer, there not being any flowers handled on commission in Canada to my knowledge. But there is a great change in the amount grown, there being fully ten and probably fifteen times as much glass devoted to rose growing as there was at the former time. The trade may be said to have been in its infancy then. I shall never forget about that time I had an order come in for fifty white roses and I supplied the order with fifty Niphetos. This was the first time that I had been able to supply fifty roses all of one kind at one cutting, and I felt very proud, and that the business surely had a good bottom to it. Our vice-president, Mr. F. G. Foster, was the gentleman who favored me with that order.

I think when we look back on such

Helianthus Multiflora Grandiflora.

small beginnings only ten years ago and compare them with the extensive trade carried on all over the Dominion at the present time it is very encouraging and a good proof that there is a good bottom in the rose growing business. But I will say this: Although the trade has extended vastly and from every indication will continue to do so, prices have gradually decreased. They have decreased in this way: Ten years ago it was not necessary to grade the stock, a rose was a rose, be it large or small, long-stemmed or short, all brought the same price, and that the top one. But now the stock has to be graded and the select stock will command no higher price today than the mixture did ten years ago. The No. 2 and culls have to be sold at half price, which makes sad inroads on the net income.

To counterbalance this we must be on the alert to cut down expense in every way possible, build cheaply yet permanently, use cheap fuel, and study to employ the best and most economical methods of growing and handling our own stock, to the end that we may prosper in our chosen calling.

HELIANTHUS MULTIFLORA GRANDIFLORA.

This well known double sunflower is a hardy perennial of garden origin, evidently springing from Helianthus decapetalus, the ten-petaled sunflower. It grows about four feet high, producing numerous very double deep yellow flowers. There is a variety called Soleil d'Or, in which the petals are quilled throughout.

Both varieties are easily grown in almost any soil, if in a sunny position. They increase very fast, forming a dense mat of roots. These should be divided and reset every other year; in fact, it is better if done each spring.

BELLEROPHON.

BLISTERED GLASS.

I have a house, three-quarter span, facing south, planted in roses. This house has been previously used for forcing grapes. The glass used in construction is third grade American, 12x14, and although satisfactory enough for a grapery, does not seem to be the proper thing for a rosehouse. The young roses after being planted burned badly and I applied a coat of thin limewash over the glass, which resulted in the roses making a rapid, but rather soft growth. Nearly all of the glass is full of countless very small blisters. I had the larger blisters painted from the inside with white lead and coal oil. Would it be safe to apply a thin coat of the same material over the glass from the inside and still expect fair results with roses? At present prices of glass I cannot afford to reglaze with better glass. N. C.

It is very unfortunate to have to use such a poor quality of glass. You have done well to paint under the large blisters, providing they are not too numerous. It is conceded by all good rose-growers that at no time of the year should any shading be used over roses. An inexpensive portable or movable shading that could be used in the midday hours of summer would, I believe, be of great benefit, but such a shading is not yet in sight, at any rate, for the commercial man.

A permanent shade, such as whitewash, is out of the question for roses, so get every bit of it cleaned off as soon as possible. You have passed through the worst time; from now on to next April you will be little troubled with burning and you had far better lose some shoots and buds by burning than ruin all the house by a weak, soft growth. Don't close your house up tight for the next six weeks to keep out the cold. A little fire and a little heat is the thing, but if no fire and the temperature outside goes down to 40 degrees, still keep on a crack of ventilation. WM. SCOTT.

BONE MEAL.

A subscriber sends the following: "Please answer the following question and oblige: How much bone meal to one bushel of soil (mixed soil), all for plants grown in pots for market or home sale?"

"Bone meal," "flour" or "dust" may be of different qualities, but supposing it is of the best pure grade, then you can surely use one pint to a bushel of soil, and in the spring, for quick growing plants such as fuchsias, coleus, heliotrope and other soft-wooded plants, one quart to one bushel of soil can be used safely. The greatest and only danger to the large use of bone dust is burning the roots, but if the soil is kept to a proper degree of moisture this will not occur.

There are several grades in size of this bone meal. Where immediate results are wanted, and in two or three months the plant is grown and sold, the finest, or what is called "flour" should be used. For roses or carnations a slightly coarser grade will do, but if too coarse the particles of bone will not dissolve in time to be of full benefit. The use of bone to produce fine flowers is proper and right, but to produce a quick grown bedding plant, it is scarcely honest to your patrons.

WM. SCOTT.

PROPAGATING BEGONIAS.

Please give me some hints on the propagation of Begonia semperflorens atropurpurea, which is said to be of real value for bedding. B. G.

This class of begonias propagate best from the young growths in the spring. March, April or May will do. Bottom heat in the sand is not really an essential, but, of course, in March and April you have those conditions. I have found that many of the erect growing begonias rooted finely in June when there was no artificial heat, but the natural heat, with the added moisture, was just what suited the begonias. The earlier rooted cuttings, will, of course, make more acceptable plants. WM. SCOTT.

A PAEONY DISEASE.

The fungus that produces what is known as the "Paeony Disease" is illustrated in a recent issue of the Gardeners' Chronicle. Preventive measures recommended are as follows:

Remove and burn all drooping stems the moment the first symptoms are observed.

Where the disease has previously existed—or better, under any circumstances—remove the surface-soil early in spring, and replace with fresh soil mixed with quick-lime.

Do not use green manure as a top-dressing.

The mycelium of the fungus is not perennial in the root of the Paeony, so that it starts life perfectly free from its enemy each year, and can only become diseased through inoculation from sclerotia lying in the soil, from germs contained in manure, or from floating summer-spores borne from some diseased plant growing in the neighborhood.

Chrysanthemums.

Chrysanthemums for pots, lifted from the bench Sept. 1, will now want full light and all the air you can give them. From the time they are lifted till they flower they just about double in size if they have been pinched during summer and are now bushy little plants, as they should be. They want no more stopping, but must often be stood over and spaced or the want of air and light will soon produce yellow and spotted leaves, and what is a chrysanthemum with a lot of flowers without its green leaves—simply unsalable.

If your market calls for a plant with large and small flowers, you can let every bud remain on the plant and develop, but we find for our market that a plant with a dozen to fifteen good flowers sells much better than one with double the number of flowers of good, bad and indifferent quality. So disbud as soon as you can select the leading and most perfect bud. Many of these small plants will need but one stake in the center from which all side branches can be supported, but a 7 or 8-inch Lincoln or Ivory deserves a half dozen stakes in addition to the center one, but never let the stakes be the principal make-up of the plant, as you often see at many of our chrysanthemum exhibitions.

The aphis, both black, green and yellow, will trouble the mum to the end of its days and the yellow aphis is much the worst of the three. Tobacco dust will do as a makeshift and that excellent article, the Rose Leaf Extract of Tobacco, diluted fifty to one, will kill the aphis if fumigating is not convenient, but the old fashioned way of burning tobacco is by far the cleanest and most effectual.

Every year, as prices of mums go down, we realize how much work it takes to produce fine, perfect flowers, but if neglected you have wasted time and valuable space. Side shoots must be kept picked off and plants tied up before they have a chance to lap over and make crooked stems.

Many of the varieties are just now showing their buds and this is the time when the greatest care in watering should be observed. A trifle on the dry side is better for the next three weeks than any danger of over watering. I have again proved this year that the rust, so troublesome on some varieties, particularly on that king of mums, Golden Wedding, can be arrested by the use of the Bordeaux or ammoniacal mixture.

Geraniums.

Last year proved that of all popular plants the Zonal geranium led in popularity about ten to one to any other plant, excepting, perhaps, the canna. If you have not already, you should at once, make all the cuttings you can possibly lay your hands on. If done in this month, and we do not get a hard frost till the end of this month or early in October, you will have another crop of good cuttings. There is no need of putting these cuttings in the propagating bed; in fact, it is the wrong place for them. Pot them in 2 or 2½-inch pots, and be sure and firm the soil well around them. Don't just thumb the soil on the top, but get your fingers well down into the soil. It is at the bottom of the cutting the soil wants to be firm and compact, the watering will settle the soil on the top.

The cuttings, when potted, deserve a good light bench and not crowded. If there is much leaf to them, a good soaking must be given them. When first potted after that, keep them rather on the dry side until they make root. If you don't have a bench vacant just now a cold frame is equally as good for a month for cuttings, in fact, rather better, for on hot bright days you can easily shade them for a few hours, when needed. We have been told by good men that it was of no consequence whether you cut at a joint or an inch below it. That may be true, for verbenas and many other things, but I am certain that you will have better success if you do cut the geraniums just below the joint.

The Propagating Bed.

At this time of year the propagating bed should never be idle. There are any number of things to be propagated and you cannot do it all in a day or week. There are the Ivy Leaf geranium, the vinca, abutilon and other essentials, besides a great number that you want but a few of. However, it is well to put in a few dozen of the plants you can increase rapidly during the winter, such as senecio, lophospermum, etc. In some localities sand for the propagating bed is difficult and costly to procure and the replenishing with fresh is quite an object. There is no need of it, if you are a tidy, clean man around your propagating bed and do not allow dead leaves or stems to lay in the sand, the same sand will do for years.

The fungus of the cutting bed is in many houses a scourge, especially in close, damp houses, but it is easily destroyed by watering with the ammoniacal solution and where there is any danger of this fungus appearing it is well to dose the sand every time you take out a batch of cuttings.

Lifting Plants.

As remarked about the cuttings, you cannot lift all your outside stock in two days and handle it properly, and no plants, even those to be made into cuttings, are benefitted by being pulled up in a hurry and laying several days under a bench. Begin to lift at once. Sweet stevia, indispensable with many of us, is all the better for being potted early. They can remain out of doors till the very last moment. It is a small job to run in the plants when frost threatens or even can be covered with a light cloth to protect them from that light frost which we, too often, get this month or early October. Besides stevia, there is Linum trigynum, then your big plants of vincas and odds and ends of which you want a few such as ageratum, lobelia and salvia.

Cyclamen.

About now is a good time to give cyclamen their last shift, which for a one year seedling of the best growth should not be over a 7-inch pot. While shifting it is well to bring into the house. At present they are about forming their flower buds and now is when greenfly, if allowed to attack them, get in their most disastrous work, for some time yet.

Cyclamen when in a frame or greenhouse must have the fullest possible amount of ventilation. Last year I had a good demonstration of the right temperature for cyclamen after firing commences. I had a batch in 45 degrees (of course I mean at night), and another lot at 60 degrees; one was too

hot and the other was too cold; from 50 to 55 degrees is right, unless you have an occasion to force to any purpose. Though unsightly, it is of great help to have tobacco stems loosely strewn among the pots.

Mignonette.

Last year nothing that I grew for Easter was so satisfactory and profitable as a few score of mignonette in 5-inch pots. It seems early to sow for Easter, but not a day too soon. Sow a few seeds in 2-inch pots. When well up select the strongest and pull out the rest. The secret of having good, bushy mignonette that sells at sight is to give them a low temperature with the fullest light and air, from the time they are half an inch high until sold; no such a thing as high temperature or forcing will do. Will have more to say about mignonette; but sow at once.

Asparagus Sprengerii.

No plant increases more in popular favor than this fine asparagus. As Mr. Gurney Hill said at Omaha, "It is among the greatest of our late acquisitions." I only mention it on this occasion to remind you that it wants no dark, close house. It will stand the broadest sunlight and should have it. Those not growing this beautiful plant should procure it at once and lots of it, for it is of the greatest use both for designs and decorations of any kind.

Labeling Cannas.

Just let me remind you that perhaps you bought last spring a half a dozen new cannas. If you don't label them before frost destroys their flowers you will have them all mixed up and never know the varieties before they flower again next year.

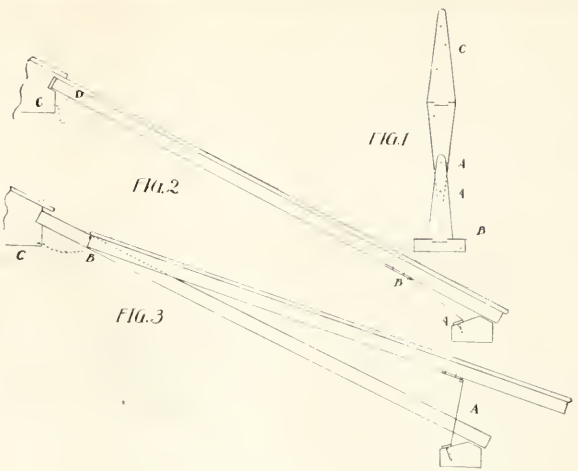
WILLIAM SCOTT.

OUR PRIZE COMPETITION.

Following is another batch of entries in our prize competition in labor saving devices or methods useful to florists:

No. 10. Double Deck Potting Bench.

No. 10 is a double deck potting bench. The upper shelf holds the soil, the lower one the pots and plants. The upper one is just high enough above the lower one to allow the largest pot in general use around the place to slide under. On the edge of this shelf is fitted a sheet iron spout. In use the pot is pushed under the spout, the plant is held in position by the left hand while with one sweep of the right hand enough soil is brought down to fill the pot. There is no changing of hands or going after soil twice. C.



No. 11. Device for Ventilating a Sash House.

No. 11 is a simple device for thoroughly ventilating a sash house, either span roof or lean-to. The invention is entirely my own, and I have used it on my violet house and other cool houses with the most satisfactory results. To those who have had any experience in the difficult work of airing a house of the above kind, top and bottom, this device will particularly appeal.

My violet house is a span with common 3x6 sash on each side. Every other sash is screwed solidly top and bottom to ridge and plate and constitute the only fixed portion of the roof. The other alternate sashes are for ventilation and fit loosely in the spaces. A half round or other strip is screwed on each side of movable sash, projecting an inch or so over the fixed sash, forming at same time a cap to keep out the rain and a support for the movable sash. The ventilating sashes may be opposite each other or opposite the fixed sashes; it is immaterial as regards the device.

This latter consists of a double jointed hinge (Fig. 1), which can be made to order or improvised, as I did, by riveting a T hinge and a strap hinge together as shown in the diagram, a, a, (Fig. 1), being rivets. Two of these double jointed hinges are required for each sash to be opened, one on each side. The T part of hinge (B, Fig. 1) is screwed on to plate (A, Fig. 2) and the strap end (C, Fig. 1) on to the sash (B, Fig. 2), the sash being closed tight at the time. When both hinges are in place a slight pushing outward from the inside of the house will bring the sash in position shown in Fig. 3. The upper part is supported by the half-round cap and slides down on edge of fixed sash, the lower part moves upward and outward until the part of hinge A, Fig. 3, has passed just beyond the perpendicular, where it can be held by a light piece of chain fixed to top of each sash and the ridge, b, c, Fig. 3; c, d, Fig. 2. No wind can disturb the sashes in this position.

A slight pull from the inside closes the sash, the cam-like action of the hinge pushing it home by its own weight and holding it there. This device is so mechanically perfect that it is quite fascinating to operate it. A man can open and close the sashes on a house almost as fast as he can walk. D.

No. 12. There is generally a little thinning out to do among chrysanthemums. Surplus shoots may be rooted now and then stuck very close to-

gether into pots of rich soil and they will make dwarf, bushy plants. Put them almost touching one another in the pots. E.

No. 13. If palms are badly covered with scale it is very expensive to clean them by hand. Lay them on a hard flat surface, keeping the leaves out straight, and give them the full pressure of water through a nozzle on the end of the hose. Operator must wear rubber boots and not be afraid of a little water. Turn the plants and give them a good dose all around. A wad of newspaper on top of pot will keep the soil from falling or being washed out as the pot is rolled around. One man can clean more palms this way than five can by hand. E.

THE FLORISTS' REVIEW

G. L. GRANT, EDITOR AND MANAGER

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TORONTO.

Canadian Hort. Association.

The first convention of the Canadian Horticultural Association, held in this city on the 7th and 8th inst., was an unqualified success, not so much from a point of numbers or demonstrative enthusiasm as from the spirit of quiet, business-like determination displayed by those present to make the meeting useful and instructive. It was clearly seen by all that such an association is a positive necessity in these days, and all accordingly did their little best towards giving it a good send-off onto the sea of life. Long may it live and prosper, and increase in stature and usefulness.

Amongst those present from a distance were Messrs. Suckling, of Truro, Novia Scotia, Bennett, Campbell and McKenna, of Montreal; Scrim, of Ottawa; Gammage and Stevens, of London; McLean, of St. Thomas; Dale, of Brampton; Foster, Jr., and Webster, of Hamilton; Brooke, of Fergus; Mitchell, of Innerkip; Gilchrist, of Toronto Junction; Mott, of Philadelphia, and others whose names I was unable to get. There was also a goodly contingent of the Toronto Gardeners' and Florists' Association present. Mr. F. G. Foster, of Hamilton, the vice-president, was unfortunately absent on account of sickness. The proceedings were opened by Mayor Shaw in a somewhat humorous speech which in the absence of the vice-president was ably responded to by Mr. George Vair. Then came the eloquent and impressive address of the president, Mr. Gammage, the discussion on which was postponed until afternoon session. Secretary McLean read his report and Treasurer Dunlop reported a balance to the good in the bank.

A letter was then read from the Montreal Florists' Club, stating the opinion of its members that the association should be a true parent society, i. e., "a society which would embrace all the various professional and amateur societies in the country. A society at whose convention every club would be represented by official delegates, a society that could settle any discussion or answer any question beyond the power or abilities of the local clubs. A grand lodge in fact." There was a long and animated discussion on this which ended in a committee being appointed to report on the matter at the afternoon session. When the committee met it was soon found that they were unanimously in favor of a close trade organization and they reported "that this organization should be devoted to the interests of the trade exclusively." When the matter came before the convention again this was quite unexpected, but after another long discussion the report was adopted. No further action could be taken, however, according to the constitution, and a notice of motion based on the report will be put in, to be brought up at the next convention. Messrs. Bennett, Mott and Suckling were appointed trade exhibit judges.

At the opening of the afternoon session Mr. H. Dale read a paper on "The Rose, its cultivation today contrasted with ten years ago," which proved to be a most interesting and thoughtful paper and brought out quite a lively discussion. The question, "What is the most economical fuel," proved conclusively that the old proverb, "what is sauce for the goose is sauce for the gander," has exceptions. One preferred "run of mines," another "select lump," another the best anthracite. Messrs. Dale and Dunlop use "soft screenings," some one else liked coke, and one burned coke dust or screenings and found it cheap and good. Everything depends on the locality, the price, size of plant and kind of boiler.

W. W. Willshire, of Montreal, was to have read a paper, "Can Dutch Bulbs Be Made to Pay by the Retailer?" He was, however, unable to be present, and Mr. Campbell, of the same place, was deputed to open a discussion on the subject. There was great diversity of opinion on this question also. Mr. Campbell thought they did not pay on account of the great liability to loss owing to irregularity of demand. Mr. Gammage thought some paid, but that tulips, Von Sion and Dutch hyacinths did not. Mr. Dunlop, as a wholesaler and retailer, thought they paid well, and all, pay or no pay, agreed that they must have them if only to help decorate store windows. Later on a paper arrived from Mr. Willshire, which was read and also discussed.

In the evening Mr. J. H. Dunlop read a paper on "What Plants Should Be Protected? Are New Plants for Propagation and Dissemination Properly Dutiable?" This brought out a discussion on the whole tariff question, and finally, on a motion to that effect, a committee was appointed from different parts of Canada to get the feeling of the trade generally on what should be free and what dutiable, and report to the executive committee before the next session of the Dominion parliament.

Mr. Geo. Hollis read a very interesting paper on "Carnations to Date," giving hints on growing seedlings and general handling of carnations. A good discussion ensued. A point that brought out lots of talk was the summer indoor growing of plants for winter bloom, the general opinion running in favor of it.

Mr. Gammage then read his paper, "How to Make a Chrysanthemum Show Pay?" on which there was also a good discussion; most of the speakers agreed with his ideas, but there are still some left who believe in running a flower show on its merits (your correspondent is one) and not mixing it up with charitable institutions, hospitals or social entertainments and frivolities. A letter from the secretary, Mr. Hugh McLean, resigning his position on acount of his leaving Canada for the south, was read and laid on the table.

On Thursday morning everyone was present to partake of the treat given by the city council through the park and gardens committee, in the shape of a carriage drive around the city. Mr. Chambers, the able, genial and "comfortable" park commissioner, led the way through the Horticultural Gardens, Riverdale Park, through some of the principal residential streets, Queens Park, University grounds, and on up College street to High Park (375 acres), where the carriages rolled smoothly round and round the beautiful drives with natural park land and bush on either side for fully an hour, bringing up before the capacious pavilion, where the company, all as hungry as hunters, descended and were invited to partake of as nice and tasty a lunch as one could wish for. And the company did partake and did not leave enough to make a square meal for the house dog. Short speeches and toasts followed, everyone agreeing that they had spent a most delightful morning, one that they would remember for a long time and always look back to with pleasure. Mr. Chambers came in for a lot of praise for his efficient management of the Toronto park system. The carriages were then brought into requisition again and took the party to the exhibition grounds, where it was swal-

lowed up in the crowd for a while until the trade exhibit judges did their work, meeting again at 4 p. m. As time was short, the selection of place for next convention and the election of officers was at once proceeded with.

Mr. Gammage set forth the beauties and advantages of London, and Mr. Ewing proposed Montreal, but Mr. McKenna stated that he thought that if it was held at Ottawa, two birds would be killed with one stone in the east, and it would be nearer for the western men and catch the fair held there after the Toronto and Montreal fairs (which are held in the same week), and also catch the cheap railroad rates. So Mr. Gammage and Mr. Ewing withdrew and Ottawa will be the place for the next convention.

The election of officers, which was conducted with the utmost good feeling and anxiety to put the best men where they would do the most good, resulted as follows: Mr. Wm. Gammage, president; Mr. C. Scrim, first vice-president; Mr. P. McKenna, second vice-president; Mr. A. Ewing, secretary; Mr. J. H. Dunlop, treasurer. Executive committee: For one year, H. Dale, G. Mills, C. Campbell; for two years, T. Manton, F. Mitchell, H. H. Groff; for three years, W. Muston, O. Johnston, W. Bennett.

Professor Fletcher, a government "weed and bug man," as he called himself, then gave an extempore lecture on "The Diseases of Plants," which was listened to with rapt attention. The professor had to stand a fire of questions, and answered them according to his experience. He invited florists to submit their troubles in this line to him.

The Trade Exhibit committee, consisting of Messrs. Jos. Bennett, Walter Mott and John Suckling, read their report, as follows:

"The exhibit of A. Gilchrist, Toronto Junction, consisting of palms, ficus and ferns of useful sizes, very clean and well grown. Worthy of special mention is Pteris cretica Gilchristi, of dense habit, crested, a decided acquisition to this species. Pteris tremula compacta cristata is more compact than tremula, a very promising variety. Pteris cretica magnifica variegata, a decided novelty in the line of variegated ferns, worthy of favorable notice.

"The exhibit of Manton Bros., Eglinton, embraces some well grown palms, ferns and caladiums particularly. A very good all round collection.

"The exhibit of J. Gammage & Sons, London, embraces a line of commercial plants, chiefly palms and ferns, showing evidence of cultural skill. Especially noteworthy is a batch of Cyclamen giganteum and violets. Pteris tremula Smithiana is scarce, and we are well pleased to see it so well represented in this exhibit.

"J. A. Simmers exhibits a highly creditable display of florists' supplies, mushroom spawn and French bulbs."

Many votes of thanks were unanimously passed and this most successful convention was adjourned to resurrect with increased vigor at Ottawa next year.

The Cincinnati Florists' Float in the Civic and Industrial Parade, September 8.

The Exhibition.

The cut flower exhibit at the exhibition according to report, was smaller and not so good as last year, owing to the dry weather. Sweet peas, which in former years have been quite a feature, were almost entirely absent. I much regret that I was unable, owing to business and the convention, to take notes when the exhibits were fresh. When I did see it everything was wilted, with the exception of the gladioli, which were magnificent, and I should think better than usual. The cannas had been very fine, too, and the three entries of water lilies were also very good.

The crowds attending the exhibition this year beat all former years. One was reminded of the World's Fair at Chicago. The city had not sufficient hotel or boarding house accommodation to take them all in, and many who would have stayed over a day or two were forced to return home the same day. Americans came over by thousands and were enthusiastic over what they saw.

Notes.

Mr. Scrim took it all back.

There is still one officer to represent Hog-town.

Walter Mott is a daisy, and an acquisition to any convention, more especially to the feminine portion of it.

Mr. J. H. Dunlop does not smoke, chew—in fact, he has no bad habits—but he took great pleasure in handing around the cigars, and the boys were tempted and did smoke.

Lunches at the expense of the poor down-trodden taxpayer are especially toothsome.

Mr. A. H. Ewing, of Berlin, please.

There were no bowling or shooting contests.

High Park will soon rival the Bois de Boulogne.

Mr. H. McLean, of St. Thomas, the late secretary, goes to Cuba.

The final meeting of the convention was held in John Chambers' commodious potting shed, the only quiet place on the exhibition grounds; but what more suitable place could be found? Everyone felt at home and the meeting was accordingly enthusiastic and essentially horticultural, floricultural and Jaggsicultural. E.

BUFFALO.

Trade and Stock.

We are not dead but sleeping. It is almost a short decade, Mr. Editor, since I had the opportunity to address you, and now, sir, first for the very prosaic news of the trade.

Gladiolus have sold better than last year, because other summer flowers have ceased to exist. Sweet peas have passed away long ago, succumbing to the dry weather and departing to the happy hunting grounds. Asters are in good demand, because the majority of them died in infancy, victims of the new disease known as "Blytimus Asterianum." Roses are improving in quality; orders can now be filled satisfactorily. Our new crop of carnations is beginning to tell and glad we are of it, for without the divine flower we feel like a man whose wife has gone to Europe. Growers are very busy just now, and lifting carnations is one of the most important of the jobs. We find that many parts of this extensive land have received frequent rains and even our city, though dry, has been remembered at long intervals, but in some of the surrounding villages there has been but one heavy shower since the middle of May. No further remarks are needed; you can guess how we feel. We found last week a Canada thistle leaning over to a burdock and sighing, "How long, oh Lord, how long!"

The Canada Fair.

We were honored with an invitation to judge the plant exhibit at Canada's great fair, and it is an honor. Your able correspondent will tell you all about the fair; I will merely say the collections of plants were superb: het-

ter far than many cities larger than Toronto could show.

The Pic-nic.

The postponed picnic came off Wednesday last week and like many another postponed arrangement was but poorly attended, but those who did go report a good time. We were out of town, but many absentees had no excuse. William Kasting traveled all the way from Kansas City to be here in time. He looks well and tanned, with the suns and hot winds of the western prairies. He thinks Denver a wonderful city, and admires Salt Lake City. Thinks he would like to have lived there 30 years ago. He does not say, but we believe he called and tarried a day at Mr. Kellogg's in the State of Missouri. If he did not he was ungallant.

Visitors.

I could hardly keep track of our visitors the past three weeks. One of the Mr. Murdochs, of Pittsburg, was here, but we failed to connect. So was Mr. J. M. Gasser, of Cleveland, and what a mutual exchange of gas there was on the wide field of commercial horticulture. We are both gassers. One by the name of Mott was also here. You can hardly call him a visitor, he is more of an attendant, for he is so constantly around that if you run short of 500 small ferns or a dollar kentia you need not write, Mott will be here in plenty of time. There were others, but I forget.

Return of the Soldiers.

Never since Labor Day has been an institution has it been so generally observed as this year. It smelt and felt like a fourth of July, and what made it more of a gala day was the home-coming of Buffalo's gallant 65th Regiment, some 1,200 strong. That is, strong in numbers, but not in health. The boys were given a great welcome. They looked as if they had marched across the great Arabian desert instead of lying idly in a camp a few miles south of Washington, D. C., nevertheless, they deserve the word of "gallant" for having survived. In many a remote hamlet and lonely farm house, as well as every city in the land, will the famous and much talked of "hard tack" be inspected and tested. We sampled it ourselves recently. It may get a little tiresome as a steady diet, especially for fever patients, but it is certainly not bad stuff, and dipped in coffee, as many of our young and old Teutonic friends do their bread, we think it is toothsome and nutritious and much better for fighting men than woodcock sandwiches or quail on toast. We had confounded this hard-tack with ship-biscuit, with which we formed an acquaintance some 30 years ago on a 5th class ocean steamer, and the sample we sampled must have been manufactured contemporary with the loaves and fishes of happy memory, for it had the same marvelous expansive qualities. A piece the size of a peanut would, after ten minutes' industrious mastication, be the size of a base ball, and larger in proportion to the time and energy expended. A ton of this wonderful life sustainer, which, I believe, is laid down by hydraulic pressure, put aboard of a steamer at San Francisco, would with the help of 500 good pair of jaws and molars be increased to five tons by the time the ship reached Hong Kong.

Strange that on this same rather memorable day the news of Sir Herbert Kitchener's great victory reached the outside world. An item of news connected with this battle away in the heart of Africa, and on the banks of the mighty Nile, which every good child associates with a basket and the papyrus and little Moses, is not generally disseminated and which we got by private wire. Close in the rear of the last of Sir Herbert's commissary wagons followed three wagons belonging to our enterprising local florist, J. H. Rehstock, each drawn by six Colorado bronchos. The first contained fine samples of palms of the best kinds for boarding house use in useful sizes. The second was loaded with 13 full blooded Americans, whose "intense Americanism" asserted itself at every jolt of the wagon. They were selected as typical representatives of our newly acquired states and territories, including Terra del Fuego, Juan Fernandez, Bermuda, Greenland, Central America, Jamaica, Canada, The Azores, Chicago, Mexico, and others. The third contained choice exhibits of how we advertise in the United States, including many demijohns of ice water and fire water. The contents of the rear wagon was greatly relished by the victorious army and one demijohn was sent back as a present to the khedive labeled "For the Royal Harem, department 11, Sec. 33." W. S.

NEW YORK.

The Market.

The weather has at last decided to be merciful and life, in consequence, is more enjoyable. On several occasions lately the thermometer was down to 45 degrees, and there was in several localities just a suspicion of frost.

Every New York florist is more or less a "Micawber" at present, with the greatest of great expectations. I visited almost every wholesale florist in New York today, looking for prices, looking for news, but there was neither. Flowers of certain indescribable grades there were in plenty everywhere, but buyers were few. Beauties were rather scarce, that is to say, good Beauties, and of course they commanded good prices.

At John I. Raynor's I saw some rather good asters of the Semple strain. One of them was of a beautiful delicate lavender color, and was one of the prettiest seen here this season. Thos. Young, W. S. Allen and MacDonald & McManus are handling orchids, of which Dendrobium formosum, Dendrobium phalaenopsis and cattleyas form the principal attractions. Koffman has commenced cutting Cypripedium insigne, and all the chrysanthemums we have heard about so far were five blooms sent by Schultheis to Horan some weeks ago; what they were we could not learn. Wm. Gunther has been away sizing up the violet crop around New York, and he informs me that he found the plants much smaller than they were this time last year. Marie Louise is the principal stock grown, and so far there is very little disease shown, and though the plants are small the growers prefer them so and are confident there will be a good crop. Mr. Gunther expects his first shipment of violets this week.

Outdoor flowers are beginning to look tired, and with the advent of cooler weather both greenhouse stock and business are expected to improve.

Club Meeting.

The first meeting of the Florists' Club for the season was held at the rooms, 19 West Twenty-seventh street, Monday evening, September 12. There was not a very large attendance, but it was very representative and it was pleasing to note that many of the oldest members were present ready and anxious to render any assistance for the advancement of the club.

President Wm. Plumb was in the chair, and in a few well chosen words laid the principal business of the meeting before the members. Mr. Stewart, as chairman of the essay and entertainment committee, desired to impress upon the members that while the club was in a most flourishing condition, it was desirous to advance in every direction, and in none more than in inducing a better attendance. He therefore, on behalf of his committee, asked that every member present offer some suggestions that would put apathetic members into working order. Messrs. Siebrecht, O'Mara, Morris, Henshaw, Weathered, Wallace, Herrington, Koffman, Manda, Troy, Burns, Miller and Young very ably discussed the subject. Everyone seemed to agree on the following points: Exhibitions of some kind are necessary to the life of the club; an individual interest in the welfare of the club; more social gatherings; a bowling club; a question box; a junior membership at half rates; special nights for exhibits, such as roses, vios, carnations, mums, etc.; ladies' nights; to interest wealthy people in exhibitions, and many other points. It was finally resolved to refer the whole matter, with the discussions, to the Board of Trustees, who are to meet during the next two weeks to decide what is best to be done.

A vote of thanks was ordered sent to the Nebraska and Iowa Florists' Club for their generous treatment of the New York delegates to the Omaha convention. It was also decided to adopt measures looking towards securing the S. A. F. convention for New York city in 1900. Messrs. Wallace and Stewart addressed the meeting on the beau-

ties of the Omaha Exposition and S. A. F. convention.

W. A. Manda, South Orange, N. J., was the only exhibitor, and showed a most interesting collection of bromeliads, for which the judges awarded him 85 points; two new ferns, Pteris tremula cristata and Pteris tremula compacta, each of which received 50 points; a fine vase of Helenium autumnalis superba and two vases of a new white phlox, P. paniculata Tom Thumb, which grows exceedingly dwarf, seldom reaching more than a foot in height, and is a continuous bloomer; both of these flowers received honorable mention.

After the meeting adjourned the near-by bowling alleys were attended, and the boys indulged in a few exciting games, but the scores would look out of place alongside the names, and therefore it is best to leave them out.

The New York Gardeners' Society's Bowling Tournament.

"Twas one of those nights
That too seldom we see,
When our shouts of delights
Drive all cares out to sea.

Yes, Saturday night, September 10, will be long and pleasantly remembered. Seldom, if ever, has a more jovial crowd been gotten together. Six teams competed for the prize offered, which was the finest new ball obtainable. The keenest interest was shown in the competition, and whenever a strike was made the noise of the falling pins was drowned in salvos of cheers. Six alleys were used and at nine o'clock, when the first game was over, Piper Halliday, striking up the "Cock o' the North," led a procession of eighty-four, headed by the Philadelphia team, up to the banquet hall, where dinner was served. The tables were handsomely decorated with a collection of eighteen of the newest cannas, sent by F. R. Pierson, Tarrytown, and they were grand. Collections of dahlias and cannas were sent by C. W. Ward, of Queens. John Lewis Childs contributed a collection of new gladiolus and rare herbaceous flowers, and A. L. Marshall sent a vase of his new yellow canna.

After dinner Wm. Scott, president of the Gardeners' Society, in a few well-chosen words, welcomed the visiting teams, and said he was glad to see so many strange faces present, both among gardeners and florists. The fraternizing of these two professions was a hopeful sign, as by their combined efforts they could accomplish much. He introduced Mr. O'Mara as toastmaster, who on rising received quite an ovation. Brief speeches were then in order, Mr. O'Mara introducing each of the speakers in his usual happy manner. Robert Kift replied for the Philadelphia team; W. A. Manda, for the Orangemen; Eugene Dailledouze, for Flatbush; Charles Dietz, for Hoboken; Wm. Plumb, for the New York Florists' Club. Mr. Plumb said these gatherings were beginning to show that both the gardeners and florists were jolly good fellows. He hoped to see more of these fraternal gatherings. Mr. Henshaw replied for the New York Gardeners' Society, and intimated that he would like to see more of the gardeners visit the Bronx Park Botanical Gardens, which, though yet in embryo, were quite an object lesson. The press was handled, American Gardening, by L. Barron, editor; The American Florist, by W. J. Stewart; The Florists' Exchange, by Alex. Wallace; The Florists' Review, by James J. Donlan.

During the evening bagpipe music was dispensed in fine style by Pipers Halliday and Wm. Scott, several of the members from the "land of brown heath and shaggy wood" indulging in a Scotch reel. One of the most amusing incidents of the evening was the acrobaticisms of Louis Schmutz, and I only wish I could send you illustrations of the attitudes of many of the bowlers in their frantic endeavors to influence the balls after they had been thrown.

The Philadelphia team won with scores of 874 in the first game and 972 in the second. Three cheers and a tiger were given the victors and everybody was glad the Quakers had won. J. Habermehl won the prize, a silver ornamental napkin holder, for the best average score, and also a pair of gold sleeve buttons, the prize for the highest individual score. Wm. Bartholomae won the prize offered for the highest score made by a private gardener. Following are the scores:

PHILADELPHIA.

	1st.	2nd.
J. Habermehl	203	169
G. Craig	139	145
J. Walker	137	174
D. T. Connor	157	180
R. Kift	123	160
L. Brown	115	144
	874	972

HOBOKEN, N. J.

	1st.	2nd.
C. Dietz	117	92
M. Hanson	122	126
R. Wittmann	176	141
R. Fischer	124	83
L. Schiller	99	136
G. Brown	176	109
	814	687

N. Y. GARDENERS' SOCIETY.

	1st.	2nd.
W. Prosser	113	148
R. Brett	82	85
P. McDonald	113	143
W. Bartholomae	146	157
S. Henshaw	112	119
J. H. Troy	101	96
	667	748

N. Y. FLORISTS' CLUB.

	1st.	2nd.
John Young	89	112
Theo. Roehrs	124	181
P. O'Mara	126	115
Wm. Plumb	104	93
H. A. Bunyard	132	132
Theo. Lang	136	136
	711	769

ORANGE, N. J.

	1st.	2nd.
G. Smith	122	119
A. D. Rose	160	111
J. A. Manda	104	117
F. L. Atkins	105	74
W. A. Manda	151	128
W. Gray	158	156
	800	735

FLATBUSH.

	1st.	2nd.
P. Riley	106	136
A. Zeller	126	124
T. Brennan	132	137
L. Schmutz	101	131
D. Y. Mellis	152	129
Eugene Dailledouze	143	124
	760	781

INDIVIDUAL SCORES.

C. Longinotti	148
F. Traendly	116
J. Westcott	118
C. Millang	91
M. Green	103
Frank Rorkovsky	105
J. Brennecke	45
Jno. Scott	65
Doctor Poland	58
W. E. Marshall	91
W. J. Stewart	129

Various Notes.

Auction sales have commenced for the season and promise to be full of new features. Cleary himself made a splendid bargain with a most estimable young lady, and they were joined together for life at Sing Sing, September 5. Mr. and Mrs. Cleary will reside in Brooklyn.

Perhaps the greatest event among the retailers lately was the opening of Weber & Fields' Music Hall last week. A great profusion of flowers was used in all manner and kinds of designs, but the demand for this was scarcely felt on the market.

There is one complaint that is general, and we must say there is abundant cause for it. That is the grading into several sizes of roses which the wholesalers have to lump together and beg the Greeks to buy at their own price. Is a grower justified in grading roses in September? We rather think not; it is only a waste of time and a cause of aggravation. We were never in favor of the grading system at any time of the year, for we contend that the best man to grade stock is the man who buys. To us it is vastly amusing, nay, ridiculous, to see the many X's and quadruple X's tagged on to roses because one rose is one inch shorter than the other, or one rose is blind and the other like a button. The best judge of your stock, the one whom you are compelled finally to recognize, is the buyer, and he does not want to know how many X's your packing boy puts on the stems, but he does want to know if your roses are good, medium or poor.

We regret to announce that Mrs. Thos. Young, Jr., is dangerously ill, and hope she will soon recover. D.

BOSTON.

Review of the Market.

During the early part of the week what flowers were brought in seemed to sell readily, asters of the Semple type having the call, with a good trade in carnations and odds and ends.

On Saturday everybody was in the market, and more flowers were shown than for several weeks; result was that the demand was not equal to such a supply, and prices went down.

and quite a lot of stuff remained on the growers' hands. Asters of fine quality have sold from $1 to $2 per 100, white, of the Semple type, bringing the outside figure; inferior quality average about 50 cents per hundred.

Carnations are more plenty, Mrs. Fisher predominating, selling at from 50 cents to $1 per hundred. Colored pinks are more in evidence, and if quality is good will bring $2.

Roses, of good quality, sell fairly well. Brides and Maids averaging $4, while good Kaiserins easily bring $1 per dozen; Meteors from $4 to $8 per 100. Beauties are more plenty, from 75 cents to $2.50 per dozen. Valley is quoted from $3 to $4 per hundred. Odds and ends sell well at fair prices.

The Saturday Exhibition.

The show this week was devoted mostly to vegetables, and to the exhibit of the Boston Mycological Club, members of which gave a discourse on their especial study "Mushrooms." Among flowers shown were two nice collections of herbaceous plants by W. N. Craig, who was awarded a first prize, and Rea Bros., who got second. L. W. Goodall received a gratuity on a fine show of nymphaeas, also on an elegant collection of Phlox Drummondi and zinnias. Lothrop and Higgins exhibited a collection of dahlias, receiving a gratuity. H. A. Dreer, of Philadelphia, exhibited a specimen of the new Nymphaea Husteriana, and was awarded an honorable mention certificate.

News Items.

Fred Harris, the veteran gardener for H. H. Hunnewell, entertained about forty of his private and commercial friends at the famous Hunnewell estate, So. Natick, on Thursday the 8th inst.

The Boston papers report the closing up of The Fairfield Floral Co., Fairfield, Me., thus throwing a good many girls out of employment.

Our vacationists are all returning home, and among the well known faces at the market on Saturday we recognize C. E. Holbrow, of Brighton; Dave Carmichael, of Newton, and Al. Hutson, with W. H. Elliott, of Brighton, all of whom have been across the pond this summer.

P. Welch is back from Old Orchard, Me., and is preparing for another season of hustle.

W. H. Elliott arrived home from his Omaha trip on Friday, says he enjoyed every minute while he was gone.

I. H. Caro has opened a store at 168 Tremont street.

The sale of choice of stalls in the co-operative market took place on Saturday, and about a hundred growers secured their stands for the ensuing year. The premiums received were in excess of last year, and the stockholders are looking forward to a good fat dividend.

Allen Pierce, of E. N. Pierce & Son, of Waverly, who is now soldiering at Camp Dalton, obtained a furlough so as to attend the sale at the market, and he was very much in evidence among the bidders for first choice, which he was bound to have. We shall miss him greatly this season, as he leaves on Monday for Middletown, Pa., his regiment, the 5th Mass. Vols., having been ordered to Camp Meade.

P.

ST. LOUIS.

The Market.

Business shows a slight improvement over last week. There is no doubt that fall trade is beginning favorably and the store men all feel pleased with the outlook. The demand last week was mostly for white flowers. The cool weather of last week has shortened up stock considerably and also made a slight change in the prices.

Roses that are coming in now are not looking so well as they should. Kaiserin and Meteor are in good demand at $3 and $4. Brides, Maids and Perles are sold at $2 and $3. The price on short stemmed Beauties has gone up to $4, long $8 to $12.50. The latter are scarce and first class stock of this variety is hard to find in this market. Most of the store men have to send out of town in order to get them.

Carnations are improving in quality and seem scarce. The best are still selling at $1 per 100 and some go at 50 and 75 cents. Our growers are housing their carnation plants as rapidly as posible, and by the end of the week will be done with the work. All the new varieties have made a splendid growth and look better than was anticipated earlier in the season.

Tuberose stalks are very plentiful and in good demand last week at $3 per 100. Asters are quite plentiful, but no glut. Pink has not been a good seller this season but white were in excellent demand, bringing 50 cents and $1 per 100. Smilax is looking better; price $10 and $12.50.

News Notes.

Mrs. C. A. Kuehn and young Charlie got back from Detroit last week after a three weeks' stay. At the same time Mrs. C. C. Sander arrived from Cincinnati, where she was visiting relatives for two weeks.

Bros. Kuehn and Sanders are now happy. They were seen around town with a kind of lost look, which has now disappeared.

It has been rumored that Emil Schray is soon to become one of us and join the married men's club. Good boy, Emil, you're not too young.

Ed Buechel, of the Riessen Floral Co., reports that business with them has been good of late and that the outlook is encouraging for big fall trade.

Mr. and Mrs. J. W. Butcher, of De Soto, Mo., were in town Monday buying supplies.

W. J. and M. S. Vesey, of Fort Wayne, Ind., spent Sunday in St. Louis visiting friends, and returned home the same night.

Fred Meinhardt was married August 22 to one of the belles of North St. Louis, and Fred never said a word to any of the boys. Nothing would have been too good for him had he only said the word.

E. H. Michel, of the St. Louis Cut Flower Co., left for Chicago Saturday night for a week's stay.

Ostertag Bros. are decorating the Coliseum for the opening of the exposition.

Regarding Mr. C. C. Pollworth's statement in the last issue of the Review in connection with the Evans challenge cup, I will say that the $10 from each club is to purchase an additional cup to be kept by the winners of the match. I think a statement from John Westcott, Mr. Wilcox or Wm. Scott, the originators of the plan, would be well for all those interested

Bowling.

Samuel Karpf, secretary of the American Bowling Congress and the Interstate Bowling League, was a visitor last week, and has arranged for his Greater New York team to play three games with our champion florist team. The match to take place sometime in December. Mr. Karpf took a look at the Evans challenge cup and said it was the finest he had ever seen. Mr. K. will go from here to Chicago and then to Omaha.

The Florist Bowling club will celebrate the winning of the Evans challenge cup on Saturday night, Sept. 17, 8 p. m., at Beyer Bros.' place, corner Grand and Gravois avenues, with music and refreshments. This will be a stag affair and the cup will be on exhibition.

The regular monthly meeting of the Florist Club was held Monday night at 8 p. m., with 16 members present. The newly elected officers were installed. The chairman of the chrysanthemum show committee reported that everything was running in good order and a meeting would be held this week. The picnic committee made its final report and was discharged.

Mostly all the bowlers left the meeting early, it being their regular rolling night. The balance of the evening was taken up discussing carnation plants. A great many of the growers reported a failure this year on Daybreak.

The Bowling Club rolled its regular three games Monday night. The attendance was slim, owing to meeting of the Florist Club. Following are the scores:

	1	2	3	Total.	Av.
J. J. Beneke	134	148	224	506	168
J. W. Kunz	139	175	136	450	150
C. A. Kuehn	138	140	165	443	148
John Young	126	142	118	386	129
F. Fillmore	124	101	115	340	114
C. C. Sanders			170	170	170

J. J. B.

THE C. S. A. CUP CONTEST FOR 1898.

The contest for the silver cup offered by the Chrysanthemum Society of America will take place in Philadelphia, October 18, under the auspices of the Pennsylvania Horticultural Society. Contestants are required to exhibit thirty-six blooms in six varieties, the same to be judged by Scale D, as adopted by the Chrysanthemum Society, which is as follows: Color, 25; form, 25; fullness, 15; stem, 10; petal-age, 10; size, 15. All exhibits should be addressed to Edwin Lonsdale, Horticultural Hall, Philadelphia, express charges prepaid and shipped to arrive not later than the morning of the 18th, as all exhibits must be in position ready for judging by 3 p. m. There will be no entry fee to contestants or charges for admission to the public.

ELMER D. SMITH, Sec'y.

WANT ADVERTISEMENTS.

SITUATION WANTED—As foreman in large commercial place, by a first class grower of cut flowers and plants; has been foreman in large places for the past 10 years; 25 years' experience; best references Address Rose Grower, care Florists' Review.

SITUATION WANTED—By an expert grower of plants and cut flowers. Competent in all departments. Only a first class position desired, either private or commercial. No. 1 references. Address 70 South Main Street, Sharon, Pa.

WANTED—Young man as assistant in retail florist store. Must have a general knowledge of the florist business. Address, with references, H. F. Halle, 548 West Madison Street, Chicago, Ill.

SITUATION WANTED—By a young man on private or commercial place. Sober and reliable. References. Address German, care of Florists' Review.

PARTNER WANTED—For florist store, with 5000 feet of glass adjoining; well established business; best location in Chicago. Houses well stocked and everything in first class condition. Under the most favorable terms. For reliable florist with capital a good chance to invest. Address Chicago, care Florists' Review

WANTED—Two assistants for rose and carnation houses, single men; state wages wanted. Address F. Burki, Wholesale Florist, Bellevue, Allegheny, Pa.

TO RENT—To reliable party, 11 greenhouses, 16000 feet of glass, store, 7-room house and barn. Business established 15 years, rebuilt last year. Finest location in Chicago. Or will sell the greenhouses; cause, poor health. Garfield Park Floral Co., 1688 West Madison Street, Mrs. Decker, proprietor.

WANTED—By a man with small capital, to rent a small area of glass, or will take partnership in a growing established florists' business. Address Division, Florists' Review.

SITUATION WANTED—In floral establishment. Is competent in high class design and decoration work; sober and trustworthy; best of reference. Address F. J. B., care of J. J. Beneke, 1222 Olive St., St. Louis, Mo.

FOR SALE—One greenhouse, 1,600 feet of glass, with or without 9-room dwelling house. Splendid chance for shipping to Chicago, St. Louis, Indianapolis and Peoria; cheap; decided bargain for a hustler. Address John McDonald, Farmer City, Ill.

FOR SALE—Four greenhouses, nearly new. Good retail stand. A. CLAUS, Springfield, Ill.

FOR RENT OR SALE—First class retail stand. 5,000 feet of glass. New. In city. Ought to net good man at least $3.00 per day. Must buy stock, about $500.00. Reason for selling, failing health. Address "Illinois," care Florists' Review.

SITUATION WANTED—By expert grower of plants and cut flowers. Competent in every department. Seeks a situation where he may have a chance to make his services worth more than in his present place. Can surely advance his employer's interests if given suitable opportunity. Address S. D., care Florists' Review, Chicago.

Clear Cypress Greenhouse Material.

This *with us* means the best growth of Cypress Lumber and the best grade of that growth; and from this grade all the sap—bright sap, which only experts can detect—as well as stained sap, knots and other defects cut out. Others do not equal our quality if they do beat our prices. It is not hard to see the reason: You can not buy gold dollars at fifty cents each. Experienced growers know that the best is not too good and cheapest in the long run.

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Areca Lutescens, Latania Borbonica, Kentias, Bel. and Forst, Cocos Weddeliana, Livistona Rotundifolia, Phoenix Reclinata and Rupicola, Ficus Elastica and Elastica Var, Pandanus Veitchii and Pandanus Utilis, Dracaena Sanderiana, etc.

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WANTED—Single man of good, steady habits, who understands rose and carnation growing. For further particulars, address C., care of Florists' Review

WANTED—Position as foreman in first class establishment by one who learned thoroughly in England the trade of gardening, and has followed the florist business for ten years in this country. Will take nothing but first class place and will start at $60.00 a month, with chance of raise after showing ability. Good references Address Hemb, care Florists' Review.

FOR SALE—Four greenhouses, 6000 feet of glass, well stocked; business good; in a growing Pennsylvania town. A bargain. P., care of Florists' Review

A BARGAIN.

Greenhouse business in a live Illinois town of 2,700 population. Only greenhouses in the county. Six houses, each 11 x 85. Excellent general stock. Everything in fine condition. Will be sold at half its value. Proprietor is in poor health and has been ordered to another climate by his physician. Address **Bargain, care Florists' Review.**

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A hot water boiler, suitable for heating about four or five thousand feet of glass. Also about 1,400 feet of 4-inch pipe. Address—

W. P. HARVEY, Geneva, Ill.
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FOR SALE

500 to 1,000 feet 4-inch Cast Iron Pipe, in 3 and 4 length joints, in first class order. Also, a lot of 4-inch Fittings, Valves, etc. Must sell very cheap as it must be moved at once.

CRITCHELL'S - - - CINCINNATI, O.
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Violets—Marie Louise

A few hundred left. Very fine plants from 4-inch pots, at $3.00 per hundred.

J. C. WILLIAMS, - Montclair, N. J.
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GOLD FISH and AQUARIUM SUPPLIES.

Send for Price List

KEENAN'S SEED STORE. 6112 and 6114 Wentworth Avenue, CHICAGO.
Mention Florists' Review when you write.

CHICAGO.

The Market.

The cool weather continues and the supply has shortened up materially, so much so that all stock seems to be scarce, with a particularly marked shortage in white flowers, especially white roses. Quality is improving and if present conditions continue the improvement, especially in color, will soon be very marked. Demand is brisk and while prices have not made any notable advance there has been a stiffening in rates and the bargain hunter is out in the cold.

Good tea roses bring $3 to $4, though some lower grades go at $2 and some very extra quality bring as high as $5. In Beauties the best sell at $2.50 to $3 a dozen, good quality $1.50 to $2, and shorts from 50 cents to $1. Carnations are not quite so scarce as roses, but few good ones lack buyers at 75 cents to $1 a hundred. Poor grades go as low as 50 cents and a few extras as high as $1.50. With the dealer the question now is how to get the stock with which to satisfy the demands of his customers, especially when select stock is wanted.

Club Meeting.

The regular meetings of the Florists' Club will be resumed this month and a meeting will be held this Friday evening (16th inst.).

Various Items.

Robert Redfield, vice-president of Kennicott Bros. Co., is a candidate for the State legislature in the third district.

Miss M. C. Binder, with J. M. Gasser, Cleveland, O., spent several days in Chicago on her way home from Omaha.

The stock at Bassett & Washburn's big plant at Hinsdale is in uniformly fine condition, weak spots being noticeably absent. The new carnation house (52x600) is now all planted. It is probably the largest single house in the country. It took 30,000 plants to fill it. A picture of this house will appear next week.

H. L. Hunt passed through the city this week from Petoskey, Mich., to Wichita, Kans., where he will engage in business with a Wichita florist.

Mr. Peter Barr expressed himself as much pleased with what he saw in Chicago, and left the city well satisfied with the treatment he received while here. He was surprised at the magnitude of our system of parks and boulevards and says we have laid a splendid foundation. After spending the

[Continued page 424]

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Carnations, Violets and Valley, Specialties.
Full Line of Wire Work.
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NEPHROLEPIS EXALTATA BOSTONIENSIS.

I have three houses, 2,000 specimen plants. Spread 6 to 8 feet on bench. Suitable for 8 and 10 inch pots. Beautiful plants, now ready at 50c, 75c, $1.00 and $1.50 each. Would cost you three times as much it in pots. Can be shipped safely now by freight at low cost. Have shipped to California, 21 days, in good order. I want some of the Western Trade. Have shipped 100,000 the past two years without complaint. Let me have an order from you. Also two houses, 5,000 plants, ready in October, at 20c for 5-inch, 25c for 6-inch pots, cut from bench.

Ficus Elastica, $4.00 to $9.00 per dozen.

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Nephrolepis Exaltata (still the leader), 6c to 12c.
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100,000 very fine commercial stock, grown in 2-inch pots, strong and hard, no better stock offered at double the price.
$2.50 per 100; $20.00 per 1000; $50.00 per 3,000.

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EXTRA HEAVY CLEAN ...STOCK...

Kentia Belmoreana

6-in., 5 to 7 leaves, $15.00 to $24.00 per dozen.
5-in., 5 to 6 leaves, $12.00 per dozen.

Kentia Forsteriana

6-in., 5 to 6 leaves, $12.00 to $18.00 per dozen.
5-in., 4 to 5 leaves, $9.00 to $12.00 per dozen.

Field-Grown Carnations

A fine lot will be ready for Sept. delivery.

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WALKER'S PLANT FOOD

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is an ideal food for house plants. Send for free literature.

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2,000 PRIMROSES, 2¼-in., ready to shift, per 100, $2.00.

1,000 GYNURA AURANTIACA, or velvet plant, a big seller, per 100, $3.00.

22,000 FIELD GROWN CARNATION plants, first size only. Mayor Pingree, Maud Dean, Sloane, C. A. Dana, per 100, $6.00. Armazindy, Daybreak, Helen Kellar, Ivory and Alaska, per 100, $5.00.

25,000 Geraniums, Marvel, S. A. Nutt, Hermanie, La Favorite, Mrs. E. G. Hill, W. P. Simmons and Mrs. J. M. Gaar, and 20 others, rooted cuttings from 2-inch pots, per 100, $2.00; per 1,000, $15.00.

1,000 Salvias, Clara Bedman, La President and Barnum, 2¼-inch, per 100, $2.00.

2,000 Coleus, Southpark Gem, Monarch, Prince Spine and 10 others good for stock, 2¼-inch, per 100, $1.00.

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Ornamental Shrubs,

HERBACEOUS PERENNIALS.

A specialty of Iris, Phlox, Pæonies, Pyrethrums, Poppies, etc. Wholesale List on application,

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Write for prices on car lots.

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CHICAGO (Continued.)

winter in California he will visit Japan and China, touching at Hawaii on the way, and from China will probably sail for Australia.

Recent visitors: Mrs. J. F. Brendel, Galena, Ill.; C. H. Reed, Birmingham, Ala.; N. J. Kraft, Rockford, Ill.; P. G. Brackenbury, St. Louis; G. B. Lindenberger, of Louisville Tobacco Co., Louisville, Ky.; G. R. Hodson, Omaha, Neb.

In a letter to Kennicott Bros. Co., Crabb & Hunter, Grand Rapids, Mich., report the loss of a large part of their asters by frost last week. The field was in splendid bearing when the frost came and the loss is heavy, especially as the flowers were selling well at good prices. The white and purple flowers sell the best, the pink ones going rather slowly. They report their violets to be in extra fine shape and they expect to begin picking by Oct. 1.

The stock at Reinberg Bros.' establishment is looking well and the quality of the flowers is rapidly improving. The Beauties and Maids are starting off nicely and the Meteors and Kaiserins are holding up in good shape.

Vaughan, McKellar & Winterson are working up a big stock of wheat sheaves and have adopted the plan of placing each sheaf in a large paper bag by itself. This prevents any possibility of damage to the sheaf when handling it.

Some extra fine Brides for the season were seen at E. H. Hunt's. The number is limited and they sell quickly at $4 and $5 per 100.

A. L. Randall will have an extra large supply of Beauties and Meteors this winter, several of his growers having greatly enlarged the space devoted to these two roses.

Mr. F. C. Struvy, the North Clark street florist, reports a good trade all summer, mainly in funeral work, though there has been a fair springling of weddings.

T. D. Mosconesotes, the florist in the Masonic Temple, is reported to have been relieved of $1,250 by three sharpers, who offered to enrich him by a wire-tapping scheme.

The West Park Board has decided to complete the West Park boulevard system. This includes the extension of Washington boulevard from Forty-sixth street to Fifty-second street, the completion of Central boulevard from Garfield Park to Humboldt Park, and the completion of the Southwest boulevard from Douglas Park to the Illinois and Michigan canal.

Bowling.

Following are the scores and averages made at the alleys last Friday evening:

	1st.	2nd.	3d.	4th.	5th.	6th.	Av.
Ed. Winterson	136	151	133	159	159	...	147
F. Stollery	129	152	133	140	123	140	136
G. Stollery	146	120	127	132	116	132	129
A. Lange	102	149	125	129	...	...	126
G. L. Grant	100	134	118	...	...	...	117
C. S. Stewart	90	70	79	132	145	...	103
Lee Walz	89	70	...	...	...	...	79

SAMUEL S. PENNOCK,
Wholesale Florist,
LONG DISTANCE TELEPHONE
1612-14-16 Ludlow Street, ...PHILADELPHIA, PA.
Mention The Review when you write.

ROSES- American Beauty, Bride, Bridesmaid, Perle, LaFrance, Testout, Morgan, Niphetos Kaiserin, 3 and 4-inch. ..... ASPARAGUS PLUMOSUS, all sizes. MARIE LOUISE VIOLETS, young plants, well rooted.
A. S. MacBEAN, - - - - LAKEWOOD, N. J.
Mention The Review when you write.

Fresh Kentia Belmoreana and K. Forsteriana Seed.
We offer either, carriage paid to any point in U. S. and Canada, 100 seeds, 63c; 1000 seeds, $4.98.

		100	1000
Freesia,	½-¾ Cal. grown, delivered.	$ .50	$3.50
	pure white flowers	.60	4.00
Calla Ethiopia,	3-5-inch	4.50	40.00
	4-6 "	6.00	55.00
	5-7 "	8.00	75.00
Lil. Harrissi,	5-7-inch	4.00	37.00

5 per cent. discount for cash.
All other seasonable Bulbs and Seeds in stock or to arrive.
Address —
H. H. BERGER & CO.
220 Broadway, NEW YORK.
(Established 1878.)
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PANDANUS VEITCHII
HANDSOME PLANTS.

6-inch pots	$1.00	each
7 "	1.50	"
8 "	2.00	"
9 "	3.00	"
10 "	4.00	"
12 "	5.00	"

BOSTON FERN
SPECIMEN PLANTS.

8-inch pans	$1.50	each
10 "	2.00	"

JOHN WELSH YOUNG,
Upsal Station Penna. R. R. GERMANTOWN, PA.
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THE LARGEST SUPPLY HOUSE IN AMERICA
New Catalogue of all Florists' Supplies on application. For the trade only.
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Asparagus Plumosus
Strings 10 to 12 feet long, 50 cents.
Nanus
Shipped to any part of the country.
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ROSES, CARNATIONS, and All Kinds of Seasonable Flowers in stock.
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Also Dealer in Florists' Supplies and Wire Designs.
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New Crop Cyclamen and Pansy Seed.

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Taking effect Thursday, Sept. 15, 1898.

Subject to Change Without Notice.

We are Headquarters for CUT FLOWERS.

ROSES.

Good stock scarce.

Beauties, long	per doz.	$1.50—2.00
" medium	"	1.00 — ..
" short	"	50— .75
Brides	per 100.	3.00—5.00
Kaiserin	"	4.00—5.00
Maids	"	3.00—4.00
Meteors	"	3.00—4.00
Perles	"	2.00—3.00
Our selection	"	2.00

CARNATIONS.

Selected Stock	per 100.	$1.00—1.50
Good	"	.75—1.00

GREENS.

Asparagas	per string.	$0.50
Ferns—Adiantum	per 100.	.75
Common Fancy	per 1,000.	1.50
Smilax	per doz.	1.25—1.50
Wild Smilax, can supply on 4 days' notice Large case	$8.00	
Medium	5.50	
Parlor Brand	3.75	

MISCELLANEOUS.

Alyssum	per doz.	$0.15
Sweet Peas (about over)	"	.15— .25
Callas	"	1.00—1.50
Auratums	"	1.00—1.25
Valley	per 100.	5.00
Gladiolus Stalks	"	2.00—3.00
Tuberose	"	6.00
Hydrangea " (fine)	"	4.00—8.00
Ivy Leaves	"	.60
Asters, very fine, long stem SEMPLES	"	1.50—2.00
Common varieties	"	.50—1.00

HUNT'S FLOWERS GO EVERYWHERE.

☞ Special Attention given to the Shipping Trade.

Cheap PALMS

Latania Borbonica,

Three-inch, with good leaves, $7.50 per hundred.
Four-inch, " " 10.00 "
All in first class condition.

Also a few clumps of our

Eucharis Grandiflora,

The best White in the Lily line you can grow. See Florists' Review, September 1st issue, for description. Price on application

Critchell's, Cincinnati, O.

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Fine 2½-inch plants . . . $2.50 per 100

SONNENSCHMIDT & JUNGE,

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Sutton's best of all and Frogmore sele t, for forcing, also outside growing. (Frogmore two weeks earlier under glass.) Our experience with these varieties demands giving them the highest praise. Round, solid and uniform in size and very prolific.

For above Tomatoes we are now receiving **15c** per pound. We invite inspection at our Millburn Gardens. **50c** per packet, postpaid. Address

Sauth Mountain Gardens, MILLBURN, N. J.

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REED & KELLER,

122 W. 25th St., NEW YORK CITY.

Manufacturers of and Dealers in **WIRE DESIGNS**

FLORISTS' SUPPLIES

Live Sphagnum Moss For Orchids, etc., $1.25 per bbl.

Sphagnum Moss First quality, 85c per bale, 10 bales $6.00.

Peat $1.20 per bale, quality A No. 1.

Z. K. JEWETT & CO.,
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PANSIES Worth Raising.

Excellent Seed.

3-16 oz., $1.00; 1 oz., $4.00. Up in 8 to 10 days if properly treated. **Fine Stocky Plants,** $1.00 per 1000. F. O. B. express. Cash with order.

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Descriptive Illustrated Catalogue Free.

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... PRINTING HOUSE ...

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CARNATIONS.

H. WEBER & SONS, - OAKLAND, MD.

Always mention the Florists' Review wher writing advertisers.

PHILADELPHIA.

The Market.

The cool weather, our soldier boys and a decided improvement in business are welcome arrivals of the past week. Stock is better too. It is a pleasure to offer some of it. Beauties are a little more plentiful, $1.50 is the price for the best. Very few tea roses of this summer's planting are offered yet. Better so, they are growing splendidly. This is great rose weather; bright, clean days and cool enough for a little gentle heat some nights; they will show the effect later. The grafted Brides and Maids will now furnish longer stems than have been seen here in former years at this season.

Carnations are becoming more plentiful, just in the nick of time, for asters are getting single.

Asparagus is seen in quantity, both plumosus and Sprengerii, but smilax is scarce and in demand at 15 cents a string. Why don't the Chester county growers take up this standard green? It has all the necessary qualities to prove successful with them; first and foremost, being that it can be safely shipped to this market. It is easily grown; if handled properly should be plentiful, when labor and taxes are not too expensive, and when ready to cut it can be held for several weeks on the plants, if necessary.

Club Meeting.

The Florists' Club meeting, on Tuesday, was well attended by the big guns. The officers were all renominated for another term. The members present, who had been at Omaha, Messrs. R. Craig, J. Westcott, J. P. Habermehl, and C. Longinotti, gave interesting accounts of their experiences, both during the meeting and in chat afterwards.

Bowling.

The bowling team, consisting of J. P. Habermehl, Geo. Craig, Robert Kift, A. L. Brown, John Walker and D. T. Connor, went to New York, on Saturday, and won in the tournament given by the New York Gardeners' Society, on the regulation alleys of the Central Opera House. Six clubs competed and some fine scores were made. Captain J. P. Habermehl captured the prize for the best score, with 203, and also the best average, with 192. Well done, boys!

J. W. Y.

SUBSCRIBE for The Florists' Review. You get the best paper in the field and a share of its earnings.

Violets. 4,000 good sized field plants of Marie Louise, in fine condition and entirely free from disease.

$3.00 per 100, $25.00 per 1,000.

PETER SRONSYNSKI,
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Mention Florists' Review when you write.

A LETTER FROM A

...Chrysanthemum Prize Winner...

"The cutting was struck in January and put in a 4-inch pot about the first of February. Five weeks later it was shifted into a 6-inch pot; in May being given another shift into an 8-inch pot, in pure Jadoo Fibre. Later shifts were made in the same material, and about August 1 the plant received its final shift into a 13-inch pot, in which it was exhibited. When the buds were set I started watering with Jadoo Liquid according to directions about twice a week, gradually increasing the strength until the blooms were half developed, when a little of the Liquid in a much weakened form was given."

Don't you want to be a Prize Winner this year?

The American Jadoo Co.,

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The MODEL Extension Carnation Support....
Also Wire Rose Stakes.

QUEENS, N. Y., Feb. 16, '97.
MR. THERON PARKER, Brooklyn, N. Y. Dear Sir:—I have tested your latest Model Carnation Support, and am free to say that I consider it the best wire carnation support that I have ever seen. It is quickly and easily applied, and I think will prove very durable, and you certainly deserve great credit for the invention.
Very truly yours,
C. W. WARD.

FLATBUSH, BROOKLYN, N. Y., Feb. 18, '97.
MR. THERON PARKER.
Dear Sir:—Your wire stake is certainly a gem. Without hesitating we endorse it as an up-to-date Carnation Support. Yours truly,
DAILLEDOUZE BROS.

W. HOBOKEN, N. J., Feb. 18, '97.
MR. THERON PARKER, Brooklyn, N. Y. Dear Sir:—It gives me much pleasure to congratulate you upon your success in getting up Carnation Supports. I think that those I have had from you are about as perfect as anybody will be able to make them. They certainly fill my bill for an ideal carnation support, a thing I have been looking for for a long time. Wishing you every success in the sale of them, I am,
Yours truly, E. ASMUS.

Write for Prices, Circular and Special Discounts for early orders.

The Model Plant Stake Co.
THERON PARKER, Mgr., Inventor and Patentee,
22 Morton Street, BROOKLYN, N. Y.
Mention The Review when you write.

HUNT'S REVIEW OF THE CHICAGO MARKET.

The market has seen quite a change in the past week. Increased demand and a shortening up of stock has tended to make prices higher. This is especially true of Brides, there being a heavy demand from all sides. Other rose stock is in fair supply, although some is showing the effects of the heat of ten days ago. Carnations at present are not overplentiful, because of planting, but indications point to a sufficient supply and of a good quality.

The recent rains have made a noticeable improvement in the quality of asters; some of the Semples are almost as large as "Mums." Pinks move slower than other colors. Valley and Violets are not abundant yet, but the demand is not heavy.

The week shows a large increase over the corresponding week of last year, but the weather conditions are also better.

Chicago, Sept. 14, 1898.

Correspondence Solicited

Imported and established stock of A1 quality always on hand, also a complete line of best Cherry Wood Baskets, Fresh Moss and Peat, etc.

ARRIVED, IN FINE CONDITION,
Cattleya Speciosissima, C. Harrisoniae and Oncidium Varicosum Rogersii.
Cattleya Mendelli to arrive shortly.
Lager & Hurrell, Growers and Importers.... **Summit, N. J.**
Mention Florists' Review when you write.

HERR'S PANSIES
BUY THE BEST.
Seed at $1.50 per quarter ounce. A liberal packet for $1.00
Plants at 75c per 100 or $4.00 per 1000; 250 for $1.00, by express.
Albert M. Herr,
LANCASTER, PA.
Mention The Review when you write.

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Have Any Surplus Stock
to sell to the trade, advertise it in the
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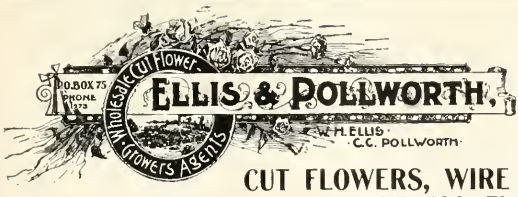

Palms, Ferns, Field-Grown Carnations

SEND FOR PRICE LIST.

CUT FLOWERS, WIRE WORK AND ALL FLORISTS' SUPPLIES.

ELLIS & POLLWORTH, 137 Oneida Street, MILWAUKEE, WIS

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Dracæna Indivisa...

We have several hundred extra fine plants from two to three feet high to be sold at a sacrifice. For prices apply to

WM. SCOTT, Florist,

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PLUMOSUS NANUS, 2½-in. pots, $7.00 per 100.

	Per 100
Roses, Bride and Bridesmaids, 3½-in. pots	$5.00
Cyperus Alternifolius, 2½-in. pots	2.50
Grevillea Robusta, 2½-in. pots	2.50

NATHAN SMITH & SON, Adrian, Mich.

Mention The Review when you write.

ZIRNGIEBEL'S GIANT PANSIES.....

Plants of the above strains at the same rate as the common varieties, viz., $5.00 per 1,000.

With our system of packing plants can be sent safely any distance.

DENYS ZIRNGIEBEL, NEEDHAM, MASS.

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LILIUM HARRISII,

5x7, $1.00 per 100, select. Prices on larger lots on application.

Cyclamen Persicum Grandiflorum,

fresh seed, in 8 distinct varieties, per 100, $1.00; per 1000, $8.00.

STUMPP & WALTER CO.

50 Barclay St. NEW YORK.

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ROSES ROSES

No finer grown. Big bushy plants, full of flowering shoots, out of 3 and 3½-inch pots, at $3.00 per 100. Meteors, Brides, Bridesmaid, Perle and Beauty. This stock is cheap at twice the price, but must be sold at once to make room.

SMILAX PLANTS, 2-inch pots, full of roots and covered with plant. No finer to be had and at lowest price ever quoted. 75c per 100, $5.00 per 1000. Cash with order.

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Late of 15 John Street, Have

REMOVED TO 36 CORTLANDT STREET, NEW YORK.

CATALOGUE OF BULBS AND CHOICE FLOWER SEEDS for Florists now ready and mailed free on application.

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Rex Begonia.

34 named varieties, 2-inch pots,	per 100..	$8.00
34 " " rooted cuttings,	" ..	4.00
Mixed Rex, rooted cuttings,	"	2.00
" 2-inch pots	"	4.00

Write for prices on other stock.
Terms cash or C. O. D.
Named Rex Begonias, 3 of each kind in each 100.

GREENE & UNDERHILL, WATERTOWN, N. Y.

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NEW AND SECOND-HAND MATERIAL

purchased from Sheriff, Receiver, and Assignee sales at less than one-half prices. Pipe and Fittings, Hose, Florists' Wire, Hot Water Heaters, Greenhouse Boilers and Engines, Rope, Light Wrought Iron Pipe, Glass Sash, and thousands of other articles, for sale by

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Largest Mail Order Depot for New and Second-Hand Material in the World.

W. 35TH & IRON STS., CHICAGO.

Write for our free illustrated catalogues.

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PALMS AND FERNS

The Largest Stock of Plants in the West.

Geo. Wittbold, 1708 N. Halsted St. Chicago

Mention Florists' Review when you write.

For the best in the nursery line, both in

FRUITS AND ORNAMENTALS

and at prices to suit the times, consult

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Correspondence Solicited. Catalogues free.

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Why do we make such an unparalleled offer? It is very simple.

You will have an interest in the success of the paper.

You will see that you can buy everything that you want to just as good advantage from advertisers in the FLORISTS' REVIEW as elsewhere and at the same time benefit yourself by increasing the earning power of your certificate.

This mutual arrangement cannot fail to bring to the paper a heavy advertising patronage, and as a result the stock represented by your certificate will earn good dividends. And the more you buy of advertisers in the FLORISTS' REVIEW (always mentioning the paper), the larger your dividends will be.

You get the best paper in the field and a share of its earnings.

Send in your subscription now.

FLORISTS' PUBLISHING COMPANY,

520-535 Caxton Building, ...CHICAGO, ILL.

MILWAUKEE.

A summer outing was taken by the members of the Florists' Club and their ladies to the place of Mr. A. Billings at Cudahy. In addition to growing cut flowers Mr. Billings is a large grower of mushrooms and small fruits. Considerable attention was devoted to the latter by the visitors and many went home well loaded with fruit.

Mr Wm. Edlefsen has removed his Seventh street place to North Milwaukee. This in addition to the new houses he is building will give him considerable glass, all of which will be devoted to growing stock for his retail trade.

Geo. Klehm, of the Klehm Nurseries, Chicago, spent a few days in town. Challenge Roller Evans also stopped over here. He is still on his way back from Omaha.

Business shows a marked improvement since cooler weather set in. The supply has shortened up considerably and shipping orders are coming in freely. Prices have gone up a notch and good stock, especially in roses, may be scarce for some time. Long stemmed asters in light colors are selling well. Sweet peas are about gone and but few lilies are seen in the market now.

Currie Bros. have overhauled their greenhouses this summer and they present a fine appearance.

If the present appearance of the plants is an indication Nic Zweifel ought to have a fine cut of carnations, mums and violets this winter.

The store of the Whitnall Floral Co. has been purchased by Mr. A. Klokner, who will continue the business. Mr. Whitnall will continue the greenhouses as before. GEO. W.

COLUMBUS, O.

A splendid display of plants and cut flowers was made by E. L. Charles the well known florist, at the recent Ohio State Fair. He received 24 first and 4 second premiums. One of the floral designs was the representation of a soldier worked out in fresh flowers, which attracted much attention.

ELIZABETH, N. J.

Mrs. Carrie E. Beebe, wife of Emerson P. Beebe, the nurseryman and florist, and mother of H. N. Beebe, the florist, died September 10. The family has the sincere sympathy of their many friends in this sad bereavement.

F. W.

BUY YOUR supplies from the advertisers in The Florists' Review, and thereby increase the earnings of your certificate.

..CARNATIONS..

Strong, healthy plants, leading varieties, popular prices.

VIOLETS -- Extra fine, healthy clumps of Marie Louise. from field.

Write for Price List.

CRABB & HUNTER, GRAND RAPIDS, MICH.

Mention The Review when you write.

..FIRST QUALITY FORCING ROSES..

Fully equal to those sent out the last six years, first-class and perfectly healthy in every respect. Only selected growth from flowering shoots used in propagating.

LA FRANCE, PRESIDENT CARNOT,
METEOR, SUNSET, BON SILENE, PERLE, KAISERIN,
BELLE SIEBRECHT, MME. HOSTE, BRIDE,

3-inch pots, $6.00 per 100; 4 inch pots, $8.00 per 100

Mention The Review when you write. J. L. DILLON, BLOOMSBURG, PA.

Carnations!! ...IDEAL FIELD CARNATION PLANTS

Our Stock Surpasses that of all previous years.
Send for complete list of the best NEW and standard varieties.

GEO. HANCOCK & SON, GRAND HAVEN, MICHIGAN.

Mention The Review when you write.

CARNATIONS

...Fine...
Field-Grown Plants

Wm. Scott, Nancy Hanks, Emma Wocher, Tidal Wave, Portia — $3.00 Per 100

Lizzie McGowan, Kohinoor, Nivea — $25.00 Per 1000

Morello, Mayor Pingree, $6.00 per 100; $50.00 per 1000.

NO ORDER FOR LESS THAN 100 ACCEPTED.

REINBERG BROS.

51 Wabash Ave. CHICAGO, ILL.

Mention The Review when you write.

CARNATIONS -- Pingree, Armazindy and Triumph, field grown. Ready now, write for prices.

ROSES -- Brides, Belle Siebrecht and Meteors in 3-inch pots. Maids, Brides and Beauties in 2½-inch pots.

SMILAX, in 3-inch pots, $3.00 per 100.

Send 50c or $1.00 for samples and prices to

GEO. A. KUHL, Pekin, Ill.

Mention The Review when you write.

CHINESE PRIMROSE

15,000 single, mixed colors, 2 and 2½-in. pots, $2.00 per 100.

Pansy Seed. ½ oz., $2.00; oz., $3.50. Plants Sept. 20th, $3.50 per 1000.

JOS. H. CUNNINGHAM, DELAWARE, OHIO.

Mention The Review when you write.

Fancy Leaved Caladiums... Contracts Can be Made Now for Fall Delivery.

10,000 Choice Bulbs in 30 varieties.
$4.00 per 100; $35.00 per 1000.

OAK GROVE NURSERIES, Seven Oaks, Fla.

Mention The Review when you write.

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Field Grown Carnation Plants..

Stock Ready September 1st.

A good season has put our Field Grown Stock for Fall Planting in excellent condition, clean, healthy and strong.

The condition of our ground is such to insure the lifting of a plant with little or no loss of roots. Send for Price List.

F. DORNER & SONS CO.,

LaFAYETTE, IND.

Mention Florists' Review when you write

...WAR IS OVER...
BUT
...NOT THE FIGHT FOR BARGAINS...

in our CLEARING SALE of our SURPLUS of strong and healthy Stock plants true to name. We offer:

Geraniums, best varieties	per 100,	$6.00
Flowering Begonias	"	3.00
Rex Begonias	"	8.00
Nephrolepis	"	3.00
Violets, Marie Louise	"	4.00
Carnations, best standard	"	4.00
Flora Hill Carnation	"	7.00
Chrysanthemums, good commercial, out of 5 and 6-in. pots	"	7.00
Chrysanthemums, single stems.	"	2.00
H. P. Roses, 2 years old	"	6.00
Primula Sinensis, 3-in. pots	"	4.00

Please write for special low prices of our General Florists' Stock, especially, Cannas, Fuchsias, Genista, Bi- and tri-colored Geraniums, Scented Geraniums, Mme. Salleroi Ger., Heliotropes, Hoya Carnosa, Lemon Verbena, Pelargoniums, Vincas, etc. Stock A No 1. Cash please.

GREENE COUNTY FLORAL NURSERY
WHITE HALL, ILL.

Mention The Review when you write.

SURPLUS STOCK OF ROSES.

500 Perles, 1000 Brides, 1500 Bridesmaid, fine stock, out of 2½-inch pots, $3.00 per 100, $25.00 per 1000.

VIOLETS, field grown clumps, $3.00 per 100.

C. LENGENFELDER,
Cor. Western and Berteau Aves., CHICAGO, ILL.

Mention The Review when you write.

Carnations!
....700 Lizzie McGowan

Fine Stock, free from rust, at $4.00 per 100 first size, $3.00 second size Cash with order.

ERNST MAAG, QUINCY, ILL.

Mention The Review when you write.

50,000 Carnations Ready for Shipment Now.....

They are strong healthy plants—field-grown—and have carefully been disbudded all summer, they are now setting their first buds. This stock should not be confounded with stock that has flowered most of the summer and is now offered at low prices. Such stock is dear at any price.

We Offer the Following Varieties--Price, except where noted, $5.00 per 100, $40.00 per 1000:

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W. Scott, standard pink.
Rose Queen, bright rose color.
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Della Fox, peach pink
Bridesmaid, fine pink.

	Per 100
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2,500 Flora Hill, fine $6.00 and $8.00 per 100.
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1,000 Daybreak ... 4.00 and 5.00 "
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500 Vincas, fine clumps, 3 varieties, $6.00 per 100.
100 Dracaena Indivisa, strong, 3-inch pots, $6.00 per 100.

Stock Geraniums from 3-inch pots—Nutts, Hills, La Favorite, Gloire de France, Nephetos, Bailey, Heteranthe and others. My selection of all the varieties named, $3.00 per 100. Customer's selection, $5.00 per 100.

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SUCCESSOR TO E. HALL & SON,
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Roses. Maids, Brides, 4-in., $7.50 per 100. Meteors, Maids, Brides, Perles, Niphetos, 3-in., $5.00 per 100.

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Extra Strong 3 and 4-in. Stock, Healthy

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How many greenhouses 75 feet long, 10 feet to ridge in center, even span, 4 feet side walls, east end butting up to potting shed, north end boarded up with Norway spruce hedge 15 feet high next to it, houses even span connected at gutters, can be heated by a horizontal boiler that is 6 feet long, 2½ feet in diameter with 22 flues, 3 inches in diameter outside measurements, pipes to be 3 inches in diameter, return pipes 1¼, hung on side walls, solid beds, 6 inches high on ground, grate 2 feet by 2 feet 6 inches, glass all double thick. J. C. B.
N. Y.

J. C. B. omits to say what the width of his houses is, but considering the heights of the sides and ridge given, I take it that they are about 18 feet wide, in which case the boiler he describes should give a temperature of 50 to 55 degrees in about 175 feet of such house, and if a temperature of 45 to 50 degrees only is required, it will heat about 200 lineal feet of house, allowing a reasonable reserve of power, necessary for economical firing.
HENRY W. GIBBONS.
New York.

ERIE, PA.

On the 7th of this month Mr. H. A. Niemeyer was made the victim of the well known palm swindle. A young man claiming to be in the employ of one of Mr. Niemeyer's customers called at the store and ordered 18 palms sent to the house to be used for decorating. The man met the driver at the house and helped unload them. As soon as the wagon was gone he began delivering them to the people to whom he had previously sold them.

The trick was not discovered until the next day when the driver called for them and learned that the people knew nothing about them. Fortunately they were all sold in the neighborhood and that Mr. N. was able to locate all of them and reclaim them. The people were willing to return them as they didn't want any stolen property and Mr. N. did not have to lose anything, excepting a little time. When the trick is worked right, even the most careful is likely to be taken in.

The same man tried to get a diamond from a jeweler in a similar way, but failed. A. F. J. BAUR.

COLUMBUS, O.

After a four-weeks' illness W. D. Livingston died September 4 of typhoid fever. He was for 13 years a member of the firm of A. W. Livingston's Sons and had a host of friends among florists and seedsmen. He was 45 years of age and leaves a widow and two boys, aged 12 and 9 years.

WHENEVER you need any rade supplies not offered in our advertising columns, write us about it. We will place you in communication with some one who can supply what you want.

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HOLLAND -- Hyacinths, Tulips, Narcissus, Crocus, etc.
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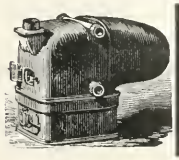

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	Inch pots.	Per 100.	Per 1000.
ADIANTUM Bellum	2	$6.00	
" Cuneatum	2	3.00	$25.00
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" " Variegatum	2	6.00	
" " "	3	10.00	
" " Grandiceps	2	6.00	
" Decorum	2	4.00	35.00
" Pubescens	2	3.00	25.00
" "	3	6.00	50.00
" Tenerum	2	6.00	
" Wiegandi	2	6.00	
ASPLENIUM Belangeri	2	8.00	
CYRTOMIUM falcatum	2½	5.00	40.00
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" " " "	3	6.00	
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GODSEFFIANA. Rich dark green color, densely marked with irregular dots and spots of a creamy white; new and beautiful. Strong, 4½-in. pots, $3.00 each; $30.00 per dozen.

BRUANTI. 4-in. pots, 12 inches high, 30 cts. each; $3.00 per dozen.
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PRINTING FOR FLORISTS.

Mr. Daniel B. Long, Buffalo, N. Y., sends us quite a batch of samples of his printing for florists, including business cards, tags, letter heads, booklet covers, etc., all ornamented with pretty half-tone engravings from arrangements of natural flowers. They are certainly very attractive.

WACO, TEXAS.—The premium list for the third annual chrysanthemum show of the Texas State Floral Society, to be held here November 10 to 12 next, has been issued. Copies may be had by addressing the secretary, Mrs. Louis Crow. Mr James Morton, of Clarksville, Tenn., has been invited to act as judge.

SOUTH BEND, IND.—Harmon & Son, seedsmen and florists, have sold out to H. H. Beyer, who will continue the business.

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Every user of Flower Pots should correspond with us before purchasing elsewhere. Our facilities are unequaled.

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By WILLIAM SCOTT.

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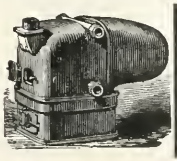

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Send Four Cents for Catalogue.

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GRAND RAPIDS, MICH.

We have experienced a sudden flop of the weather from extreme heat to frost. Saturday night it froze hard enough in some sections to destroy asters, tomatoes and other tender stuff. Crabb & Hunter's aster patch of 10,000 plants were ruined, which would have been in their prime this week. They were planted on low land, which accounts, in some measure, for their taking it so hard. The rest of the florists got off easier.

Carnation planting is about over. Henry Smith will finish his new carnation house and have it planted this week.

There is a good crop of mildew on most of the roses coming in. Those free from mildew wholesale at an advance of 1 cent over those affected. Roses are scarce and poor in quality; retail price, 75 cents per dozen.

Carnations cut from the field have made their appearance, selling at from 15 to 20 cents per dozen.

Business is beginning to pick up materially and the outlook for the winter season is very flattering.

Fred Dorner and Mr. Hudson, of Lafayette, Ind., were recent callers.

GEO. F. CRABB.

CLEVELAND.

The Market.

Cut flower trade has been somewhat better the past week, with good stock very scarce. Roses are selling from $3 to $8. Carnations are improving, and selling at $1 per 100, short stems 50 cents. Asters are about done, Semples are selling at 30 to 50 cents per dozen. Japan lilies are all gone. Ferns and palms have been selling better the past two weeks.

Notes.

The home-coming of the 5th Regiment and Battery A. O. V. I. caused a stir in cut flower stores. Mr. J. M. Gasser had orders for 56 hand bunches for the officers, requiring 1,400 roses, and boutonnieres for the privates, requiring over 1,400 carnations. This order was placed by the Banquet Committee. Many flowers were presented by friends of the soldier boys.

Cleveland has had the misfortune to lose many of her noble sons by fever and consequently many floral pieces have been made by the florists, consisting of floral flags and bunches, finished with small silk flags tied with white ribbons. Solid white pillows with a spray of roses and tied with small silk flags take well lettered Soldier Rest, the latter predominating for all set pieces.

The Florist Club had a meeting, Monday evening, at which was held the nominations of officers. The following were nominated: For President, A. Graham, E. H. Cushman; 1st vice-president, Samuel M. Pentecost, A. Schmitt; 2nd vice-president, James Eadie, James Wilson; secretary, G. A. Tilton. A. H. Graham, S. Pentecost; treasurer, Herman Hart.

Mr. Wm. A. Smith, formerly with J. M. Gasser, is putting up some houses in Lakewood, where he will grow roses for the trade.

Mr. Emil Brown, also at one time with Mr. Gasser, has taken charge of Wamelinck Bros.'s greenhouses, where he will make a specialty of Brides, Maids and Perles.

Mr. John Stanley has assumed charge of Mr. J. M. Gasser's rose houses.

The florists have discontinued to close at 6 p. m., and now keep open until 8.

Miss Minnie Binder returned at last. Miss B. had a splendid time at the convention. This was her initiatory trip to florists' conventions and she votes them all right. She stopped a week in Chicago on her way home, and speaks very highly of the treatment received from the craft there.

Mr. D. Charlesworth & Son kindly donated the use of palms for the soldiers' banquet.

Mr. F. Smith, of Smith & Fetters, was on a brief business trip to Buffalo, last week. O. A. C. O.

AUDUBON PARK, NEW ORLEANS.

We have received a copy of the Year Book of Audubon Park, New Orleans, a neatly printed and handsomely illustrated book of 77 pages, that is something more than a mere report of the proceedings of the park authorities. In addition to the usual statement of receipts and expenditures and reports of officers and committees, there is a catalogue of the trees, shrubs and other plants of which specimens are to be found in the park, and the list includes no less than seventy-six species and varieties of the palm, in addition to a host of other tender plants.

There is also a chapter on "Park Study" in which are printed numerous appropriate extracts from various essays on the purposes and proper uses of a public park, by competent authorities. These last should prove very beneficial in educating the people, and the Year Book is designed to interest the people in the future of the parks. In this respect the Year Book is a decided advance over the usual park report.

NO DUTY ON ORANGE TREES.

By a recent decision of the U. S. General Appraisers seedling orange trees of the Mandarin variety are held to be free of duty under paragraph 560, act of 1897, as tropical fruit plants imported for purpose of propagation or cultivation. The decision was given upon a protest against the act of the collector of customs at New Orleans in assessing duty of 25 per cent. Following is the text of the decision:

"The goods are 17 bales of seedling orange trees of the mandarin variety, imported from Kobe, Japan. They were assessed for duty at 20 per cent. under the provision of paragraph 252, act of 1897 for 'all trees, shrubs, plants and vines, commonly known as nursery or greenhouse stock, not specially provided for.' They are claimed to be entitled to free admission under paragraph 560 as 'fruit plants, tropical and semitropical, for the purpose of propagation or cultivation.' These seedlings are tropical plants imported for cultivation in the orange belt of Louisiana, a region more or less semitropical in character. We find that the young trees, seedlings, or plants are both nursery stock and semitropical fruit plants. We hold that enumeration under paragraph 560 is the more specific, and sustain the protest accordingly."

CATALOGUES RECEIVED.

Thompson's Sons, Rio Vista, Va., strawberries; Nanz & Nenner, Louisville, Ky., plants, bulbs, nursery stock; J. M. Thorburn & Co., New York, bulbs and flowering roots for fall planting; George Hancock & Son, Grand Haven, Mich., field-grown carnations; Ellis & Pollworth, Milwaukee, Wis., price list cut flowers, palms, ferns, bulbs, etc.; W. & T. Smith Co., Geneva, N. Y., specialties in trees and plants; W. L. Smith, Aurora, Ill., plants; Thomas Meehan & Sons, Germantown, Pa., nursery stock; Griffith & Turner Co., Baltimore, Md., bulbs, seeds, farm implements, etc.; W. P. Simmons Co., Geneva, O., new and rare greenhouse plants; J. H. H. Boyd, Cagle, Tenn., tree seeds.

OPINION WANTED.

During the past few months, I have been sending to a large retail firm in one of our large cities a considerable amount of cut flowers, smilax, etc. The prices were quoted at so much "net."

Recently I received a bill from the firm for the express charges on the flowers, etc. I was amazed as I believed my quotation "net" made the receiver liable to all such charges. What is your opinion in this matter, my fellow readers?

SUBSCRIBER.

UTICA, N. Y.

C. F. Baker has planted several houses with carnations, Red Jacket and Oneida. He has some surplus stock outside, which is very fine. These two kinds should give general satisfaction if they acquit themselves as they do at home.

C. F. Seitzer has added a violet house to his snug plant. He is highly successful with this flower. W. M.

WASHINGTON, D. C.

We are pleased to be able to report that Mr. W. R. Smith has so far recovered as to be able to be up and about. He left the city September 4 for Boyds, Maryland, to fully recuperate after being confined to his bed for more than eight weeks.

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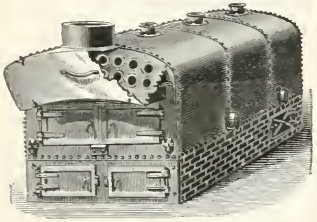

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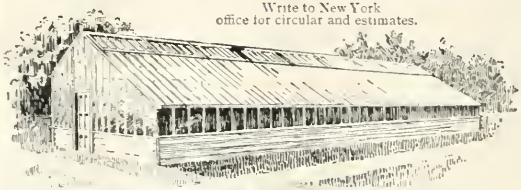

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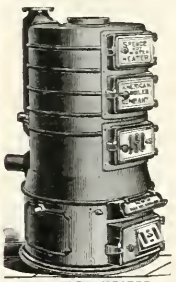

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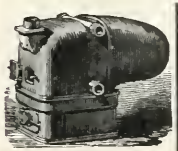

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THE WEEKLY FLORISTS' REVIEW

Watson B. M.
Jamaica Plain Mass
52

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BEGONIA MANICATA AUREA.

(From advance sheets of the Florists' Manual, by William Scott.)

This is a variety of this large genus that deserves special mention. Manicata has a fine, green leaf, but is of little value to a florist, as it occupies much room and the flowers are of no particular value, not being produced in sufficient quantity to be profitable. Manicata aurea, is, however, a most desirable plant and I have yet to see any place or firm who have had an over supply. Like most variegated plants it is of much slower growth than the type.

Few plants are so satisfactory as a window or house plant, the dry air of a room suiting it fully as well as the more moist atmosphere of the greenhouse. A native of Mexico, it will thrive in a high temperature, but a winter heat of 55 to 60 degrees will keep it in good order. To bring out its rich golden variegation, the leaves being always most irregularly marked, it should not have very rich soil. Pot firmly, and except in the very hottest months it should have the full light.

Begonia Manicata Aurea.

Its thick, fleshy, crooked stems are slow to branch and propagation by shoots is too slow, but it will propagate from sections of the leaf precisely as do the Rex begonias, either by laying a well developed leaf on the sand and pegging it down, making a cut here and there through the midribs of the leaf, or by cutting up the leaf into small pieces and putting them in the sand. When you begin steady firing, say in December, is the best time to propagate.

AMONG BOSTON GROWERS.

Charles Cummings', Woburn.

At Woburn I found Mr. Spillsbury, the efficient foreman for Mr. Cummings, busy building a new house, 75 x18, which he intends to use for violet Princess de Galles. He invested heavily in this variety a year ago, and grew it with the California, having picked last season from 600 plants of Galles, and 800 plants of California—120,000 flowers—all of A1 quality.

He has this season, however, discarded the California, and will plant nothing but the Galles. These he plants out of doors in the spring and lifts in the fall, transplanting to solid beds. His plants are not quite so large as last season, but are fine and healthy. Mr. C. has four houses besides the new one, two of which he devotes to carnations, planting about 6,000 plants. One house 170x28 will be planted to Scotts, Daybreaks, Bradts, Foster and Eldorado; the other house 125x30 to Mrs. Fisher, Flora Hill and Daybreak. Another house, 150x21 will be used for his specialty, Princess de Galles violet.

In the other house he has planted chrysanthemums, which are looking

very fine. This crop is followed by cucumbers. Mr. Cummings believes in being in the market the year round, and has planted from 5,000 to 6,000 carnations, Mrs. Fisher, for summer blooming, and devotes considerable land to asters and sweet peas. His pinks are looking very well, but have not made the growth that they should have made up to this time.

The foreman, Mr. Spillsbury, believes in using the best of material in which to grow his stock, and takes great pains with his compost heap. He is not a believer in liquid manures, but keeps his soil top dressed with fine well rotted manure, which he renews from time to time.

E. N. Pierce & Sons', Waverly.

A small farm under glass is what we found at Waverly, the Messrs. Pierce having 16 houses, ranging from 180 feet to 300 feet in length, aggregating something over 100,000 square feet of glass. Here I found Mr. E. N. Pierce and his men busy picking tomatoes, for they are market gardeners as well as florists.

The place is built on a side hill, every house laying to the south and the result is that there are no off crops here, and one of the sons can be seen daily in the Boston market with their staples, chrysanthemums, carnations and lilies. There are 7 houses planted to mums, all of which are in excellent shape. Mr Pierce grows these both in solid beds and benches and sees no difference in results, although to save expense, he prefers the solid beds.

For soil he uses, in the older houses, the same soil year after year, only adding plant food, mostly in the shape of well rotted cow manure. In fact, in two of the older houses, he told me that he had increased the depth of the soil from the original surface of the ground almost eighteen inches, this in about a dozen years.

His success in growing a good average commercial variety of mum is undisputed, and he expects to cut and market 75,000 cut blooms. In these houses he follows his crop of mums with beets, which he sells through commission men, also he has received and potted up 15,000 longiflorum lilies of the Japanese type, which will occupy part of these houses. In the other houses there will be planted about 35,000 carnations, the greater portion of them being Scott, Mr. Pierce considering this a money maker. Part of this stock has been grown under glass all summer, another portion in the house with the glass taken off, the remainder in the open ground, and so far as looks are concerned, there is no perceptible difference.

He is building this season a house 300 feetx24 feet, a mate to one he built last season, in which he grew two crops of lettuce and which he has now turned over to the carnations, planting them in the original ground, no built beds or benches or digging out for walks. It looks as if the plants had been put out of doors, and the house built over them. The new house is to be planted to lettuce this season, and carnations next year. Both of these houses are built of sash made especially for them, which are removed during the summer time, thus giving plants the benefit of out of door treatment, without the check which is natural to receive when lifted in the fall. (This way I consider the correct method of growing both carnations and violets, reducing the liability to disease to a minimum.)

There is one house 300x18 devoted to growing mignonette. This is sown in benches early in August and is allowed to grow until spring. They do not disbud, like most growers. For soil they use about half new and half old soil mixed up in a compost early in the spring.

For the summer crop these gentlemen make a specialty of tomatoes, and make use of their greenhouse plant to get them early. They start the plants inside, and when the weather is suitable, transplant to frames out of doors, these are made deep, and in such a manner as to be easily removed. Only one variety is grown, the Lorillard, and this year they planted 15,000 plants. After the frames are removed they are trellised with wire, and for this purpose twenty four miles of wire was required. This season the first cut was on July 10th, and that week's product amounted to 90 pounds, while the week ending Aug. 21 the cut amounted to 12,000 pounds a total of 36,601 pounds up to that date. The price for this crop has ranged from 25 cents per pound in July to $2 per bushel August 20th.

This immense establishment is heated by steam, four tubular boilers of 270 horse power doing the work. There are fifteen men employed here the year round, and everything of a mechanical nature is done on the plant, a well equipped carpenter and machine shop being a feature of the place.

P.

A BIG CARNATION HOUSE.

We present in this issue exterior and interior views of the new carnation house of Messrs. Bassett & Washburn, Hinsdale, Ill. We believe this house to be the largest individual greenhouse in the country, it being 52 feet wide and 600 feet long. There are seven benches and eight walks, the benches being a trifle over six feet wide. The house contains a total of about 30,000 plants, the planting in being completed about August 15.

The house is devoted mainly to the newer varieties; a list of the sorts has already been printed in these columns. The model extension carnation support has been used in part of the benches and Mr. Bassett is favorably impressed with it so far. The only disease that has been discovered among the carnations here yet is stem rot and Flora Hill has been the only variety affected. Mr. Bassett is much taken with Mary Wood. It is a splendid flower and the plants present a fine appearance. It is said, though, that it does not produce freely enough and the coming season will determine its fate here. The red sport from Bradt seems to retain its characteristics all right. All the flowers yet produced have been perfectly true in color and there seems no inclination to revert. If it remains fixed in character Mr. Bassett says it will leave Jubilee away in the rear.

As will be noticed in the picture there is an abundance of ventilation at the sides of this house as well as at the top, and in passing from the nar-

The Big Carnation House at Bassett & Washburn's, Hinsdale, Ill.

The Big Carnation House at Bassett & Washburn's, Hinsdale, Ill.

rower houses into this wide, freely ventilated one, the difference in the atmosphere is very noticeable.

The house illustrated was not built by Bassett & Washburn. It was erected by a neighbor who first devoted it to vegetables and later to roses, neither of which were very satisfactory. The house and land was purchased this spring by the present owners and has been completely overhauled. Pipe supports were substituted for the former heavy wooden ones, more ventilation added, a new heating system put in and tile bottom benches erected. It is now a good deal more like a commercial greenhouse and under the present management will undoubtedly produce crops equal to any.

DISEASED GERANIUMS.

From Milton, Pa., comes the following: "For the first time in many years our large geranium beds are in very bad condition, caused by foliage being affected as per sample leaf inclosed. Kindly tell us what it is, and give remedy through The Florists' Review.

To answer this without a remedy will not be hardly satisfactory, yet it is a subject worth some discussion. The leaf when it reached me was quite dry, but the spots or the result of the disease were very visible. We have seen this before, but fortunately seldom. The leaf is thickly spotted with small fungous spots something like the spots that trouble the leaf of the violet, and both caused by a fungus.

A leaf of the affected geranium should be sent to Prof. Arthur, or some other good microscopist, who may be able to define what the particular fungus is that is troubling the geraniums. There is never an effect without a cause; so there is some specific cause for this. The geranium is such a free growing, hardy, every-day plant that few scientists have had reason to study its unfrequent maladies, but should from any cause the geranium be a general failure, they would be greatly missed. W. S.

LETTUCE AND CUCUMBERS.

From "Lettuce" comes the following questions:

No. 1. When to sow lettuce of the Grand Rapids variety to cut at Christmas.

No. 2. Will a heavy soil and plenty of manure grow it?

No. 3. What is the highest heat it will grow healthy in?

No. 4. Would like to know how to use nitrate of soda?

No. 5. Will a night temperature of 50 degrees grow cucumbers planted Jan. 1st.

No. 1. In the dark days of winter growth is slow and the first day of October is late enough to sow to have good lettuce at Christmas. A sowing earlier than that is to be preferred.

No. 2. A heavy soil if properly handled with a good admixture of rotted manure will grow the best of lettuce, but a light loam for many reasons is to be preferred.

No. 3. A night temperature of 50 degrees is about as high as desirable on fine days with plenty of ventilation. Of course a much higher temperature can be sustained with good results.

No. 4. The only safe way to use this valuable manure is in solution. The writer has had some sad experience otherwise. Nitrate of soda does not contain every ingredient that fully develops a vegetable individual from its birth to its maturity, but it adds greatly to its vigor and growth, especially to its tissue forming age, so to lettuce it is a valuable manure. One quart in thirty gallons of water, applied once a week, will be a great help.

No. 5. No. The very lowest that a cucumber should be at any time would be 60 degrees, and to be profitable 65 to 70 degrees is the proper night temperature, although we grow cucumbers and melons in our gardens in summer in our semi-tropical mid-summer temperature and to imitate this in winter requires a high temperature.

W. S.

THE "AVERAGE" FLORIST.

In the Florists' Exchange of August 6th is an article written by Mr. Grove P. Rawson and containing one or two statements which are not at all complimentary to the "average" florist. Here is one statement quoted verbatim: "All things considered, it is little wonder that commercial reports class the average florist as 'poor pay and unbusinesslike.'" Will Mr. Rawson kindly inform us which of the trade reports classes the "average" florist in that light in its publications. I have been a florist for thirty years and my experience is that the trade of the "average" florist is more sought after by the wholesale trade generally than that of many of the larger establishments, the "average" florist being considered a better buyer and better pay.

Again he says, "It seems rather difficult to select 'salaried' good management." Does Mr. Rawson mean to imply that there are no men among the working florists of America who possess business ability enough to take charge of and properly run a large commercial establishment? I can assure Mr. Rawson that one advertisement in any of our trade papers will

give him his choice of fifty as capable managers as are to be found in the business world; men, not only in every way competent, but in every way desirous to do all that can possibly be done to make the place where they are employed a paying one, provided, they are properly paid, and treated in accordance with the position they hold. How many of our best growers are made the scape-goats of the ignorance and unbusiness-like methods of those who employ them. What remuneration do those managers, forcmen, and under help receive in return for the "intensive application, forethought, careful management and perennial labor," which, according to Mr. Rawson, are the requisites which a man must possess in order to be a florist?

Will Mr. Rawson kindly state what varieties of chrysanthemums he raised and which were introduced to the trade (though not in his name) as early as 1875? I remember the variety "Grove P. Rawson" being introduced in (if I remember correctly) 1879 or 1880, but cannot say who raised or introduced it, and there were (if I am not mistaken) very few American seedlings introduced before that time. If Mr Rawson will give a list of the seedlings he has raised and introduced or has had introduced since 1880, he will confer a great favor upon a number of interested (average) florists in this vicinity as well as upon your humble servant.

JOHN G. THOMSON.

Wilkes-Barre, Pa.

Tulips Narcissus.

If you want early and good tulips you should not delay in boxing a portion of the early varieties soon after they arrive. The sooner they are into the flats the sooner they will make roots, and with plenty of roots they will force; without them they will not. I have often remarked that tulips at Christmas are not so essential, as there are many other fine flowers at that time which are in better condition and of more favor at that season. Yet if you want them then and in early January, make preparations at once. The Duc Von Thol are really the earliest, but are poor little flowers. La Reine, the white that under some conditions assumes such a lovely shade of pink, is one of the best tulips at all times, particularly for the very earliest. Contrary to the opinion of some growers, I find Chrysolora the best yellow for the earlist, and for scarlet there is nothing equal to the Vermillion Brilliant.

Some Von Sion narcissus should also be boxed at once or you won't get them good in January. There is no need of a prolonged delay in getting any of the forcing bulbs into the soil, but with those you don't expect to get into the house till February and March there is no hurry about and if they are boxed in 3 or 4 weeks it will do.

I have told the story of my plan of handling tulips, etc., so often that it assumes "the nut" form, yet there are always a few remaining that have not either read or observed. One man wrote last year that he had dug a trench 2 feet deep in which he placed the flats covering with 2 feet of soil and on top of that another 2 feet of straw manure and worse than all he had forgotten to water them at planting time.

Briefly, then, use flats of uniform size, 2 ft. by 1 ft. is a convenient size, and 3 inches deep is enough for Romans, narcissus or tulips. A rich soil is not at all necessary. The bulbs have been prepared for flowering, you only force the flower out by heat and water. The soil should be of light texture; that from a previous year's carnation bed is excellent, or any light loam. The bulbs when first planted in the boxes want a thorough soaking. There is no better place for the boxes than out on the open ground. Three inches of soil or some other material is plenty for a covering till very hard freezing comes, but during the months of October and November we often get weeks of fine dry weather and if we do you should copiously water the beds every week. Some think that being covered with earth little water is needed, but remember that the board at the bottom of the box entirely stops the rise of moisture to the bulbs, which in the case of plants in the ground is what keeps them alive and growing in long weeks of drouth.

Cyclamen.

The cyclamen promises to be very much in demand this winter, which its many virtues deserve. For large plants to be in flower at Christmas (1899) they should be sown at once. Some growers sow early in this month, but if you sow within 2 weeks you can have fine plants in 12 months. Get the best seed you can buy. The variety or strain that makes a compact plant with a great quantity of beautiful flowers is known as C. persicum grandiflorum. Don't cover the seeds too deeply, but let them be just out of sight and keep the soil at a uniform degree of moisture. Good cyclamen seed is expensive and it pays to give the seed attentive care.

Boston Fern.

If you planted out a lot of the Boston fern in June you will now be wanting to lift and pot it. It lifts from the bench without losing a frond and you cannot well have too much of this grand and useful fern. We found last winter that a bench of only 20 feet long and 3 feet wide was one of the most useful bits of bench we had. These were left to grow all winter and it was a "cut and come again" crop continuously. You may not see a direct profit in it when using the fronds, but indirectly it is for it adds to every bunch of flowers you sell, whether they are one or ten dollars' worth. From several opportunities to test the hardiness of this fern, it seems one of the very best of plants to thrive under the unfavorable conditions of a room or store. Don't grow it shady and hot, rather moderately cool (about 55 degrees at night) and light.

Calla Lilies.

Since so much disease has appeared among our Bermuda lilies we think more of the old favorite, the so-called Calla lily, which is not a lily at all, but still a beautiful flower. Bulbs that have been resting all summer should be started at once by shaking off every particle of soil and repotting in 5-inch pots or larger if they are of extra size. I hope this has been done earlier. If not, you will only be a little later in getting your first flowers. We find a moderately small pot does them till February, and then they want a size larger. We have not experienced that starving them for root room induced them to flower freely, quite the reverse, for we have a vivid recollection of some plants which existed 40 years ago that were starved both for soil and heat, that were handled and moved and watered and flowered only every leap year. The richardia is a tropical plant and wants light, heat and root room, if you grow it at all. You can buy the roots of these now from California about as cheap as you can potatoes, but I prefer the home-grown and they are easily propagated. When you shake off the soil from the bulbs that have been resting all summer you will find on every tuber a number of small, perfect tubers, or call them bulblets. Instead of throwing them away put them aside and when time allows pot into 2-inch pots. I have found under a light bench good enough to grow them during winter. In March give them a 3-inch. A very

poor place will still do for them, and in June shift into a 5-inch and plunge out of doors and daily water. These by the following September make sturdy fine plants and contrary to the starvation theory are easier to flower than the old bulbs.

Shading.

In the rush of work at this time, and to the plant man it is a busy season, you should not neglect to get off all the shading that you had to have on for midsummer. We are often far too negligent in this and greatly impair the growth of the plants by having a dark house when every ray of light is needed. There is nothing that now needs shading.

Violets.

Last year I put the glass on violets that had been planted in solid beds all summer about October 1st. I have no reason to alter the date, except where it has been rainy, when the glass might have been on sooner to prevent too much moisture, producing spot.

WM. SCOTT.

Ribbons.

According to fashionable New York milliners, ribbons will be very much used this winter; all the leading dry goods stores have put extra help at their ribbon counters in anticipation of the increased demand, and it is safe to say that ribbons will also be all the style with up-to-date florists this season.

I made the rounds of the ribbon counters this week and found several new things which will be much used by New York florists; one is the "Ottoman ribbon." This is a beautiful heavy ribbed silk ribbon of the finest quality, far superior to the ordinary gros-grained, having a satin finish and a very rich appearance. It can be got in any color and is just the thing for bouquets. The 5¾-inch width costs about 88 cents per yard. Then there is the "Beaver ribbon," which is extremely heavy and very rich, a splendid thing for the rough moss baskets such as are imported from Germany. It is called Beaver because it has a very rough finish either on one or both sides. One lovely old-rose shade looks elegant on a bunch of cattleyas, and there is a true violet color that will be what is wanted for bunches or baskets of violets or for funeral ribbon; 4¾-inch widths cost 80 cents a yard. French taffetas will be used a great deal for trimming baskets and for plant bows; 5¼-inch widths cost 65 cents by the yard.

The new flag ribbon, which has been mentioned in previous notes, is a fine white silk ribbon with the American flag embroidered on it in colors; it is very handsome; the 2-inch widths cost 65 cents a yard. Of course there are many old-fashioned ribbons which are far more useful and very much cheaper than many of the new things, but the florist with high-class or society trade must be up to the times in ribbons as well as in flowers, for his lady customers often want to examine the ribbon before it is used and they know the value of it. What is most particular in ribbon is the right colors; always take a flower with you when you want to match it with ribbon. Gauze ribbon will be extensively used again this year for violets; it is also a fine thing for dressing grapes. Watered silk is not suitable for florists' work and should never be used.

For bridal bouquets use broad, double-faced satin with gros-grained edges; for ordinary work there is nothing to excel gros-grained silk. Don't use violet or purple ribbons on cattleyas; cattleya ribbon can be had with the warm hues always seen in the lip of that flower; if this is not obtainable use white. Don't use sickly lavenders on violets; if you cannot get the exact shade, it is best to use a darker one. Never put pink or red ribbons on funeral work, for it is enough to wake the dead. Always attach the card to your designs by a piece of narrow ribbon and put it where it can be seen. At many prominent funerals lately the cards were pinned on the ribbon and gave much unnecessary annoyance.

There are many new bows out this year, illustrations of which will be given in this department later. We have devoted much space this week to ribbons, not that we are in favor of turning your store into a ribbon bazaar, but to keep you posted. We have never been in favor of the abundant use of ribbon, we believe many of the thousands of dollars spent for this material could be better used. It is disgusting to see beautiful plants choked with ribbon, and yet a pretty bow on many plants will often sell them more quickly. Ribbon is all right if its use is not abused, and if harmony and good taste are considered. IVERA.

OUR PRIZE COMPETITION.

Following is another batch of entries in our prize competition in labor saving devices or methods useful to florists:

No. 14. We have found that a few rows of corn planted very thinly among the violets outdoors gives a useful shade in summer. For planting inside use lots of leaf mould. Water in winter with liquid sheep manure. Some of the grandest violets ever grown were watered with ice cold water. E.

No. 15. Before you use new pots, always play the hose on them several times. Plants do not like the extreme dryness of a new pot. E.

No. 16. Roses affected by grubs of any kind at the root may be saved by persistent application of lime water. E.

No. 17. I don't know whether this is in use anywhere or not, but I think a large box with four grooved wheels to run along the edge boards of two benches of even height would be a good thing to use in filling or emptying houses. E.

No. 18. I have been experimenting with substitutes for glass for florists' use. I find oiled paper better than anything else I have tried. Light and heat pass through the oiled paper, when new and clean, good enough for any plants.

The way to secure the paper is my invention and is not patented. I want all my florist friends to have the benefit as well as myself. To use the paper erect any frame you want and then put on an even tight covering of poultry wire netting (2-inch mesh, No. 20 wire is good.) Put the paper on top of the wire and then cover with another netting. Nail a lath on top of each rafter. The paper between the netting cannot get away or break and it makes the best summer roof I have tried. I use strong paper 30 inches wide and lap over about 2 inches. I place a roll of paper on a long table and rub in raw linseed oil with a rag (a brush is no good) and roll up on another roller as I oil it until I have

enough oiled and then take the first calm day to put it on the building.

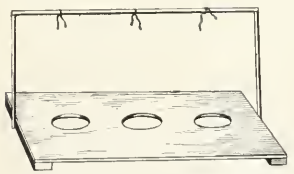
This is very cheap, and useful for many purposes. The cost of material is only about one dollar per hundred feet and the labor is not much. The paper is easily renewed when dirty. I renew my paper twice a year. Don't laugh at this, but try it as I have. I find begonias and ferns do finely under the paper and if the building is made tight it will keep out about six degrees of frost here. Try it for late chrysanthemums. F.

California.

No. 19. Instrument for Loosening Soil.

No. 19. This is an instrument that has proven of great value to me, especially in the hands of inexperienced help in the rose houses. Attached to the handle is a strip of flexible steel about 22 inches long and 1½ inches wide. The edge intended for the blade should be drawn in to an angle of about twenty degrees so that when necessary the soil can be easily loosened. The strip being bent into the form of a triangle is attached to the handle by rivets.

The steel being flexible the danger of breaking young plants or barking old ones is diminished. Its advantage over a toothed instrument in not disturbing the roots of the plants is apparent. With this tool work can be accomplished with great rapidity by inexperienced help. It is cheap and durable. G.



No. 20. Tray for delivering Easter Lilies.

No. 20 is a tray for holding Easter lilies when delivering. It consists of a 10-inch board, three feet long, with three 5½-inch holes, six inches apart, which allows about one inch space between the tops of the pots when set in. Two strips are nailed across the bottom of the board at the ends, raising it about an inch and giving the plants a firm stand. On each end is nailed an upright strip two feet long, and these are connected by a half-inch strip across, to which the stems of the lilies are tied to prevent their moving. This tray holds 6-inch and 7-inch pots, but it can be made to suit various sizes. During last Easter week we delivered over 1,200 lilies in this way, and not one was broken. H.

THE FLORISTS' REVIEW

G. L. GRANT, EDITOR AND MANAGER.

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CHICAGO.

Club Meeting.

At the meeting of the Florists' Club last Friday evening considerable routine business that had accumulated during the summer vacation was cleaned up, and by a unanimous vote the thanks of the club was extended to the Nebraska and Iowa Florists' Club for the courtesies extended during the Omaha convention.

Steps were taken looking to the preparation of an attractive program for the winter. For the next meeting, October 7, the special feature will probably be a paper or address by Mr. E. Buettner on what he saw of interest to the trade while in Europe this summer.

The Market.

The favorable weather of the past week has increased the quantity and improved the quality of stock to a considerable extent. And while the best stock still brings the scale of last week, prices on the medium and lower grades are somewhat easier. All the dealers seem well satisfied with the condition of trade.

Indoor carnations are coming in in limited quantities and find ready sale, the outdoor flowers being far short of what they should be. Asters are selling well. A few chrysanthemums appeared on the market the past week, but buyers did not seem to be hungry for them.

Notes.

E. H. Hunt has returned from Wisconsin, but made only a short stay before he left for Indiana, where he will remain for a short time.

Wheat sheaves seem to be even more popular than ever. When in Hunt's this week we noted a lot of 15 dozen sheaves being packed in one order.

Emil Buettner and family returned from their European trip on Monday.

Reinberg Bros. are cutting some very fine La France roses, in addition to large crops of all the standard sorts.

The Art Floral Co. have opened a downtown store at 82 State street. They have had several stores, as well as greenhouses, on the south side for many years, but this is their first venture in the downtown district. They will have the good wishes of many friends for success in the new venture.

Vaughan, McKellar & Winterson are busy filling their orders for Dutch bulbs. The bulbs were received in unusually good condition this year and they are much pleased at having such fine stock to send out.

Recent visitors: John Schneider, Kansas City, Mo.; Mrs. M. A. Blake, De Kalb, Ill.; L. H. Read, Grand Rapids, Wis.;; Frank W. Ball, Cincinnati; Paul Berkowitz, of H. Bayersdorfer & Co., Philadelphia.

Siebrecht & Son, of New York, will hold a trade auction sale of palms, orchids, ferns, stove and greenhouse plants at 114 Wabash avenue next Monday, September 26, at 10 a. m. John P. Cleary, the well-known New York plant auctioneer, will officiate. J. Austin Shaw is in the city completing arrangements.

Mr. and Mrs. P. J. Hauswirth and Miss Annie Kreitling have returned from a trip to Indianapolis and Terre Haute. They spent five days last week at Indianapolis, Mr. Hauswirth attending the sessions of the Great Council of Red Men of the U. S., in which body he represents the jurisdiction of Illinois. At this session he was appointed a member of the finance committee of the Great Council for two years, a very important and responsible position. The party spent two days at Terre Haute before going to Indianapolis; and best of all, they found that business had materially improved during their absence, and is still improving. At the state fair at Indianapolis they noted some excellent floral work that was entered by Bertermann Bros., of that city.

It is now fifteen years since Walter Kreitling started in business on his own account, but Walter isn't a day older than he was when he started—at least so far as one can see. And he says he is happy, even if he has ridden on milk trains and has occasionally been confined to a diet of fried snowballs.

Walter Heffron, manager for E. C. Amling, reports a steadily increasing business and anticipates an unusually prosperous season. They are receiving some valley of very fine quality for the season.

James Sproule, owner of the Sunset Seed & Plant Co., San Francisco, who has retired from the seed business and has his business for sale, was in the city last week. He believes in the never-failing allurements of the sweet pea as the people's flower and may decide to still take care of his heavy contracts in that line in the future. He says growers are not careful enough in selecting the varieties of sweet peas they are to grow. The public must look to them for education.

J. A. Carbone, of West Berkeley, Cal., sent a seedling chrysanthemum to the Chicago committee this week.

The regular sessions of the committee will begin October 1.

F. B. Stanmeyer Co. have opened a floral store at 2731/2 Lincoln avenue.

E. H. Mack, a former Cincinnatian, and who has been in the city since the meeting of the Carnation Society last February, committed suicide by turning on the gas in his room last Saturday. He had of late been selling flowers on the street, Kennicott Bros. Co. having given him limited credit for stock to help him along. He excited their sympathy by coming into the store and without saying a word taking a broom and beginning to sweep the floor, then looking for other ways to make himself useful. This anxiety to do something induced them to try to help him, but evidently he became despondent and so put an end to his life. He was about 40 years of age. His remains were sent to his relatives in Cincinnati.

The oldest daughter of Mr. George Stollery has been very seriously ill and for several days last week her recovery was considered doubtful. Fortunately a change for the better took place Monday.

Bowling.

Following are the scores and averages made at the alleys after the Club meeting last Friday evening:

	1st.	2nd.	Av.
John Zeck	157	158	157½
F. Hills	146	...	146
E. Winterson	119	157	138
G. L. Grant	123	146	134
C. W. McKellar	114	138	126
Jno. Degnan	111	134	122½
Chas. Held	136	108	122
S. Snedeker	104	111	107½
C. S. Stewart	111	103	107
W. Kyle	96	116	106
A. Henderson	88	119	103
J. C. Vaughan	97	...	97
W. J. La Grotte	75	99	87

BOSTON.

Review of the Market.

With a continuation of fine pleasant weather, and a few cold days, business has improved slightly over last week. Most of the retailers with one or two exceptions, are kept fairly busy with funeral work, thus helping the grower and wholesaler to sell out their products. White flowers are a leader, and seem to be pretty well cleaned up every day. Roses are plenty, with the quality of Brides and Maids very much improved, but with no advance in price, which average from $2 to $5 per hundred. Kaiserins still hold their own, high grades bringing $8, while an inferior quality sells from $3 to $5. The supply of Beauties has fallen off a little, especially long stemmed No. 1 grades, so the prices are not so high as last week; $2 per dozen is an outside figure.

Carnations are now much more in evidence, there being plenty of all colors; prices range from 50 cents to $1 per hundred. Asters are growing scarcer and scarcer every day, the crops being well cut off. They still sell fairly well at prices ranging from 50 cents to $1.50 per hundred; Gladiolus and tuberoses, 50 cents per dozen stalks; other stock, in fair demand at seasonable prices.

The Saturday Show.

The prizes this week were for perennial asters, and the three prize winners made elegant exhibits. Mrs. D. P. Richards was awarded first prize; Mrs. E. M. Gill, second, and the Misses Doran, third.

Gratuities were awarded to Rea Bros. for a collection of seasonable bloom, from herbaceous plants; to Lothrop & Higgins for a very fine exhibit of cactus and show dahlias; to John F. Colan for an exhibit of Celosia cristata, and to James Comley for an excellent display of seasonable bloom from both greenhouse and garden. A few specimen flowers of seedling dipladenias were shown by Geo. Whitin, and the society gave him honorable mention for a fine light pink one named Elsa Whitin.

News Items.

N. F. McCarthy & Co. report a very satisfactory sale of palms, etc., from Julius Rohers, of New York. The stock was in fine condition and attracted quite a lot of out-of-town florists to the auction.

Mr. Connon, of the Connon Floral Co., of St. Louis, spent a little time at the market last Monday investigating the system of management.

Mr. E. N. Pierce reports an enjoyable visit to Cincinnati during the convention of the G. A. R. He visited several of the craft and the public flower mart.

Tom Walsh and Charlie Lynch, of Galvin's Tremont street store, are taking their annual vacation.

W. E. Doyle is remodelling the interior of his downtown store, looking forward to a prosperous season.

The retailers are looking for a little spurt of business during the visit here of Odd Fellows from all over the country.

Walter Mott, Henry A. Dreer's genial salesman, is doing the "Hub" this week, trying to persuade Boston growers that they need some high grade Philadelphia palms. P.

ST. LOUIS.

The Market.

The week just passed was a lively one among the store, as well as commission men. Society people are beginning to return from their summer resorts, and a few large wedding orders have been booked for October. There was also a lively demand for funeral flowers that made white stuff a little scarce. The downtown florists seem to think the season has opened for hustling.

First quality Beauties sell readily; shorts are selling well at from $4 to $8. Bride and Kaiserin sold well at $2 and $4 and are not overplentiful. Maids and Perles are plenty at $2 and $3. Meteors are firm, the best bring $3 and $4. Those from F. J. Ammann, of Edwardsville, are the best that come in just now.

Carnations are scarce, that is, good stock. White and Scott are the best sellers at $1 for firsts and 75 cents for seconds. The only outdoor stuff that is coming in now are tuberose stalks and a few asters and dahlias. Smilax is a little scarce, with good demand.

The Florist Club.

The next meeting of the Club will be a very interesting one to the members and President Sanders expects a full attendance. The changing of the meetings from day to night will come up. This will also be the last meeting before the Chrysanthemum Show. Other important matters will also come up for discussion. The president and secretary should see that the meeting does not come on the same night that the bowlers roll, as was the case last meeting night. The bowlers like to attend the meetings, but could not miss their rolling and cannot attend them both on the same night.

Henry Berning and Richard Frow are now members of the Florists' Club. Mr. Berning is with the St. Louis Cut Flower Co. and Mr. Frow is a grower.

Notes.

The item in last week's issue of the Review that Emil Schray was soon to be married is a mistake. Emil says it should read Julius Schray, his younger brother.

The St. Louis Cut Flower Co. will be in their new quarters at 1322 Pine street by October 1st. These will be much larger and more convenient than their present location.

Park Commissioner Ridgely returned home Thursday of last week from a tour of the eastern cities and is more convinced than ever that the parks of St. Louis are inadequately provided for in the matter of funds for maintenance. "Compare Forest park and Lincoln park in Chicago, for instance. Forest park contains nearly 1,400 acres and the department is allowed $45,000 to maintain it this year. Lincoln park embraces only 300 acres and the amount expended to maintain it is never less than $300,000 a year. The system of raising funds for park maintenance in Chicago is different from ours. There the city is divided into districts and a special tax levied to obtain money for parks. Here the money is appropriated out of the general revenue. It would be a wise move to adopt the Chicago plan."

Mr. Ridgely quoted from a letter he had received from F. W. Kelsey in which the writer alluded to an appropriation of $1,500,000 for parks, which had just become available. St. Louis must do more for her parks in the future if she desires to keep up with Chicago.

Bowling Items.

The Bowling Club celebrated the winning of the Evans Challenge Cup

Saturday night at Beyer Bros. place, and we did celebrate. The guests began to arrive at 8 o'clock and by 9 all were on hand with the exception of President Kunz, who was reported sick. The cup was the center of attraction and the friends of the Club admired it very much.

The Polar Mandolin Club rendered fine music for singing and dancing. As no ladies were present, the boys danced among themselves. At 10 o'clock a fine lunch was spread in the large potting shed, when still another band surprised us by playing on the outside. This band is composed of employes of the Beyer Bros. They call themselves the Pandanus Mandolin Club. They also rendered some fine selections and songs.

Dr. Helwig acted as master of ceremonies and called upon the different members to sing a song or tell a funny story. In the absence of the president it fell upon your correspondent to tell the guests how we won the cup. Three cheers were then given for the St. Louis Bowling Club, and they must not fail to bring the cup back to St. Louis from Detroit next year for keeps.

Mr. Munson, a friend of the Beyers, sang a few very choice selections of his own composition, which delighted all present. A quartette composed of Carl Beyer, Robert Beyer, H. Schulte and F. Esher sang some German selections from Mozart which were very fine. Both Robert and Carl have fine voices and should cultivate them at once. Frank Fillmore was also on hand with a few songs and funny jokes. The party broke up at 3 a. m. and everybody had a good time. Those that failed to come missed a treat of their lifetime.

At the Bowling Club Monday night eight members rolled three good games. R. F. Tesson, our new member, was high man with an average of 166.

There are rumors afloat that some of the members are not satisfied with the present quarters of the club, but as the place has the only regulation alleys in the city they would be compelled to roll on the small 36-inch alleys should they decide to leave.

The club is equally divided on this matter. The proprietor of our present quarters will on next Monday have a new set of pins and the alleys in first-class shape. We hope that this matter will be satisfactorily settled for all. Should the club on next Monday night decide to abandon the regulation alleys they cannot expect the boys to win the Evans cup at Detroit next year.

The scores of last night (Monday) were as follows:

	1	2	3	Total.	Av.
R. F. Tesson	191	144	163	498	166
J. J. Beneke	158	160	170	488	163
C. A. Kuehn	134	143	170	447	149
J. W. Kunz	119	139	173	431	144
C. C. Sanders	128	146	151	425	142
John Young	123	152	136	411	137
F. C. Weber	101	134	132	367	122
F. J. Fillmore	121	105	84	310	103

J. J. B.

NEW YORK.

The Market.

There was a slight increase in business felt the latter part of last week, but it seems to have fallen flat again. Orchids are becoming more plentiful. Cattleyas bring but 40 cents each, Dendrobium phalaenopsis 8 cents, Dendrobium formosum are hard to sell at 25 cents, cypripediums bring from 6 to 10 cents.

Roses are quoted all the way from 50 cents up to $4 per hundred, Beauties of course being a shade higher, the finest bringing from $12 to $15. Valley averages from $2.50 to $3 per hundred. Dahlias are coming in fine and fetch from 50 cents to $1 per hundred. Fine Hydrangea paniculata win $1.50 to $2 and smilax from 10 to 15 cents. Carnations are scarce, that is good ones, and average 75 cents. There are a few finer ones that bring $1 and we are told a few specially grown Mayor Pingree get as high as $2 per hundred. Asters, gladiolus, lilies and such stock, which is fast becoming poorer, are sold for any old thing.

Notes.

Charles B. Weathered has gone to Lenox for a chat with the boys, Charley, in fact all the horticultural builders, report lots of work for the present and an abundance of orders for the future; this augurs well for floriculture.

J. H. Small & Sons are making a magnificent show of orchids in their new Broadway store this week. We will endeavor to send you pictures of them for next issue.

A few chrysanthemums are coming in, but are scarcely worth notice.

H. H. Berger & Co. have transferred their offices and sample rooms from 220 Broadway to 47 Barclay Street, where they will be pleased to have their friends call. D.

BUFFALO.

The Market.

There is not a volume of real news to relate, but one item, namely, that business is steadily on the increase, gives us energy to send what meager notes that are worth recording. Good roses are now to be had, especially Meteors, but Beauty is still the favorite with all who can afford its aristocratic terms. Carnations are coming to town in daily increased quantities and although comparatively short stemmed and a liberal allowance of buds on the side they are very welcome.

Copious and frequent rains have helped late asters, and in spite of the beetle and disease they are in very great abundance. Personally we shall be rather glad when we get a good frost and the outside stuff is knocked out. Stores will be patronized better then; for now, to tell the truth, and it's a truth as well as a fact, our market plays old harry with the cheap and every day flowers that are used during many months, which is really about 12 months in the year; no matter if they cost more than at a greenhouse, they have been purchased at the market and must be cheaper.

Carnations are all about housed and in this immediate neighborhood are on account of the very dry season on the small side. Most all of the later introductions are receiving a trial by one or the other so before spring "we shall see what we shall see." We have already heard bad accounts of that magnificent white Evelina, but we don't believe it, with us it is acting finely.

Notes.

There is a large range of glass building at Jamestown, N. Y., to be used by A. L. Thrall, whose handsome store is located at 588 Main Street, Buffalo.

Preparations are going ahead for our November exhibition, and although the work is left largely to half a dozen members at present, we hope all in the trade will become interested, for never has there been the promise of better material to make a good show, and surely after a rest of several years the public is ready for us.

The South Park Commissioners are building, but oh so slow; poor economy for the city to drag along in so dilatory a way. Some of the houses at least will be much needed before frost comes.

To keep in line with others who have fine windows W. J. Palmer & Son, our oldest and best known firm, have torn out their store front, which was two small windows, and replaced with one fine sheet of glass. Billy always made a grand show under the old conditions, but what will he do now! I shudder to think of the blaze of yellows and pinks and crimsons and other shades that will dazzle the eyes of those that get down that way. Besides the window there is an office approached by a spiral stairway, luxurious couches for the fatigued customers to rest in, an ice box that can be called a "crystal palace," mirrors galore and all other accessories and concomitants that make "an up-to-date" flower store.

There have been numerous callers of late; among whom were: Mr. Evans, of Richmond, Ind., and Mr. Killen, of New York; the latter is very slowly wending his way home from Omaha, and this morning the genial face of Wm. Cattleya Matthews, of Utica, peered through the door. We have yet with us Mr. M.'s grip and overcoat, so the interview has not yet terminated.

Postscript.

We are of those who do not believe that sport of any kind except in a very subordinate way should enter into the columns of a horticultural journal, and instead of reading that Dick Jones, or Bill White or Pat Murphy had made 112 or 203 at the last club roll, how much better to hear that John West-

cott had a eucharis with 417 flowers or W. A. Manda had a Phalaenopsis amabilis in a 3-inch pot with a spray of flowers 11 feet long, or Mr. J. S. Wilson, of Illinois, had raised a bright blue canna, or J. Habermehl, of Philadelphia, had invented a frost and fire proof bag to transport (not bowling balls) but decorative plants to and from parties when the thermometer was 10 below zero, or lastly, if friend Beneke could give us valuable points on store management.

It seems when reading the trade papers of the last few days that a perfect tidal wave of bowling has struck the whole horticultural world of this Western Hemisphere. We expect to see it break out in Toronto, Hamilton, Montreal and Ottawa, Canada, next, for in the latter town there is a veteran who would rather bowl than eat. What does it all mean? The old fools are affected as badly as the young, and men blessed with more than an average amount of brains would sooner discuss bowls than bulbs.

If this is going to last I give notice our hard working boys of Buffalo will also lend themselves to this pastime and will form a club that will be invincible. We will practice every week till next August and will bring out a lot of young blood that inherits the skill of their sires and we will have a team that will average 200 per man on regulation alleys, for out of more than 300 alleys in this city, there is none but regulation. We will get bowling suits and shoes, called sneakers, made for bowling, which is no detriment if you can bowl, but little help if you can't. We will—well we have already. To beat a few florists at the game is nothing, but to come out on top of several thousand experts of all ages, sexes and nationalities is something we do feel proud of; 203, don't mention such a score, 242 on regulation alley, should win a prize—nothing less. We are bowling mad, and it has been forced on us; now look out. W. S.

PHILADELPHIA.

The Market.

After enjoying a week of cool weather with sometimes 50 degrees at night, tropical heat has returned with a rather discouraging effect on business. There is something, not a great deal, doing in the stores. The growers are seen with an occasional part load of plants and many of them with a box or two of flowers to feel the pulse of the market. The commission houses are doing, I am glad to say, some shipping and, I am sorry to say, more faking. For the former trade carnations are wanted, especially colored. The price is 50 cents to $1 a hundred, the stock offered chiefly rather short outdoor grown blooms, though W. J. Baker has some that have been in the houses all season and still flower. The fakirs clear up the asters, tuberoses and other things at song prices.

Roses are a little affected by the heat and are not so good as a week ago. The price is low—$2 a hundred is fair for ordinary Brides, Maids and Meteors, $3 and $4 for extra nice stock, generally Kaiserin. Beauty is worth from 75 cents to $1.25. It might be better if some of the roses were pinched off, especially the teas. With money so scarce around greenhouses after the long, dull summer it is small wonder that the temptation to try to sell something is too great for some of us.

Swainsona is in fair demand for funeral work. This flower appears to have come to stay. It can be grown almost anywhere if the soil be only poor enough and can nearly always be sold, often with short stems, a rare thing nowadays.

Germantown Hort. Society.

The Germantown Horticultural Society opened the fall season with its September meeting on Monday night. There was a fine group of decorative plants, including dracaenas, ferns and aralias — Albert Woltemate's — and some well grown tomatoes, but on the whole the exhibits were not up to the mark either in quality or quantity. An improvement is expected at the October meeting. Dahlias were disappointing. There was a collection of wild flowers from George Redles, Jr.; that gentleman talked entertainingly about them and also on some of the other exhibits.

The horticultural world here has been discussing the rebuke given by one writer of cultural notes to another for his unsound advice, violating one of nature's laws. This rebuke has since been sustained by the greatest recognized authority in this country. It goes to show that horticultural journals should be extremely careful whom they employ to write for them on cultural topics. Ignorance or carelessness on the part of this class of writers will go far towards destroying the value of the journal to which they contribute.

Notes.

Philadelphia's new commission man, George M. Moss, has secured a number of consignors who are shipping to him now with promises of more later when they begin cutting.

William J. Baker finds his present quarters small for his business. Carnations are coming in better and sell well.

Samuel S. Pennock has just returned to his work. Edward Reid is expected this week from the west.

W. P. Craig states there will be 30 per cent more carnations planted around here this season than last. This is certainly surprising, most of the large growers having dropped them. The explanation will probably be that this circuit includes Chester County and Lancaster, who feed the local market.

The Florists' Gun Club defeated the Claymont Gun Club at the Penn Rock Company nurseries, Silverdale, on Saturday, in a team match, six men a side each shooting at 25 targets, by a score of 113 to 104. The Gun Club team consisted of Messrs. Anderson, Burton, Cartledge, Colflesh, G. Craig and Harris. Mr. George Craig seems a true mascot. J. W. Y.

SOCIETY OF AMERICAN FLORISTS.

Plant Registry.

Notice is hereby given that in accordance with instructions voted at the convention in Omaha, a registry book is now open at the secretary's office, and all persons having new varieties of plants to which they propose to give distinctive names are informed that said names, with full descriptions of the varieties to which they are given, may be registered in the office of the secretary. Priority of notice shall be considered as securing to any applicant the exclusive right to the use of any name as applied to one variety of any particular species, it having been first ascertained, after due inquiry, that said name is not already in use as applied to any variety of the same species already introduced and the rules of the society regarding such registration having been complied with. Upon the completion of such registration due announcement of the fact, together with full descriptive notes and details necessary for the identification of said variety will be made through all American horticultural trade papers and the Society of American Florists will thereafter do all in its power to protect the privilege of the individual or firm making such registry to the exclusive use of the title as registered.

Parties desiring to take advantage of these provisions will please communicate with the secretary and all information desired will be promptly given.

Concession to Members.

All members of the S. A. F. are herewith informed that by virtue of their membership in this organization they are entitled to membership in the National Florists' Board of Trade upon payment of an amount two dollars less than the regularly authorized and advertised rates. Application for membership under this privilege should be made to Mr. C. S. Loder, Secretary National Florists' Board of Trade, 271 Broadway, New York City, the applicant being prepared to show that he is in good and regular standing in the S. A. F., and the concession will also be available for past members of the Board who, upon renewal, are members of the S. A. F.

WM. J. STEWART, Secretary.
67 Bromfield St., Boston, Mass.

CORRECTION.

In our general introduction No. 8, portrait No. 261 is that of Mr. C. F. Elley (not Ellery), Baker City, Oregon. The insertion of the extra letter was a typographical error.

ROCHESTER, N. Y.

The recent rains have caused outdoor stock to pick up considerably and the herbaceous garden of J. B. Keller's Sons looks brighter than it has done before this season, which has been very hard upon all hardy stock in this section. I found Geo. Schlegel busy preparing to plant carnations, of which they have a healthy stock. Fred Schlegel showed me a fine strain of white aster, upon which the boys have a corner.

Geo. Savage was busily engaged overhauling his splendid lot of cattleyas. The hot weather was nearly fatal to the odontoglots. He made an acceptable judge as well as successful exhibitor at the recent big fair at Syracuse.

W. M.

CENTAUREA MACROCEPHALA.

A subscriber asks, "When is the time to sow, and how to grow the above? I think it is called the yellow cornflower."

It is a hardy perennial. The seed should be sown in August, or it might do if sown at once. Wintering the plants in a cold frame in flats is better than small pots, and plant out in the border as soon as ground is dry and danger of hard freezing is over. It should have good dry soil and planted three feet apart.

W. S.

NEW ROCHELLE, N. Y.—Siebrecht & Son have built a new palm house that is probably one of the largest in the country. It is 32x240 and 30 feet high.

SUBSCRIBE for The Florists' Review. You get the best paper in the field and a share of its earnings.

WANT ADVERTISEMENTS.

FOR RENT—58 acres of land, near Hammond, Ind. Good for garden land or florists' use; for the last three years between 800 and 1000 head of cattle have been feeding there. Electric cars within three blocks. For terms apply to Henry Tewes, 1719 Waveland Avenue, Lake View, Ill.

FOR SALE—A Bargain—Three greenhouses, 3,700 feet of glass, with office, city water, telephone; centrally located in city of over 6,000 inhabitants; well stocked with roses, carnations, mums and pot plants; doing a paying business; immediate possession given. Address H. D. Caldwell & Co., Paris, Ill.

FOR SALE—Second-hand Devine hot water boiler, 9 feet long, 23 flues; will sell cheap for cash. Address A. Peterson, Oak Park, Ill.

WANTED—A single man, used to general greenhouse work. C. Young & Sons Co., 1406 Olive Street, St. Louis, Mo.

WANTED—Experienced lady for retail florist store; also a man for general greenhouse work. References required. Volk & Stewart, 472 Milwaukee Street, Milwaukee, Wis.

WANTED—A good man for palms, ferns, orchids, and general greenhouse work; must be competent. References required. Address H. F. Halle, 548 West Madison Street, Chicago, Ill.

SITUATION WANTED—By a middle-aged Danish gardener (single), in greenhouse or nursery. Address D., care Florists' Review.

SITUATION WANTED—As foreman or grower in good sized place; 15 years experience in every line of the trade; roses and carnations a specialty, including Am. Beauties; age, 30 years and married; best of references. Address S. S., care Florists' Review.

Greenhouse Woodwork

Open-air-dried Cypress Lumber is more durable, and better suited to Greenhouse conditions than kiln-dried stock. But you cannot get it from those that are engaged in the business in a small way—even though their entire business is confined to greenhouse material—for it takes a long time for the lumber to thoroughly dry and this means an investment in lumber that only those of large capital can make. The only way to have air-dried lumber is to buy green lumber and hold it until it dries. Those that order dry lumber from the producers of Cypress get kiln-dried stock. It is cheaper for them to kiln-dry than to hold the stock long enough to season it in the open air. We carry a large stock and fill all orders with open-air-dried Cypress clear of knots, sap and all other defects.

WRITE FOR CIRCULARS OR ESTIMATES.

Lockland Lumber Co.

LOCKLAND, OHIO.

Mention The Review when you write.

PALMS

ETC.

Areca Lutescens, Latania Borbonica, Kentias, Bel. and Forst. Cocos Weddeliana, Livistona Rotundifolia, Phoenix Reclinata and Rupicola, Ficus Elastica and Elastica Var. Pandanus Veitchii and Pandanus Utilis, Dracaena Sanderiana, etc.

Hardy, stocky and Perfect. An immense stock of all sizes up to elegant specimens. If you do not know the quality of my stock ask some one who does. I can guarantee satisfaction as to quality, prices and everything.

SEND FOR WHOLESALE PRICE LIST.

CHAS. D. BALL, Holmesburg, Philadelphia, Pa.

Mention The Review when you write.

ROSES—American Beauty, Bride, Bridesmaid, Perle, La France, Testout, Morgan, Niphetos, Kaiserin, 3 and 4-inch. . . . **ASPARAGUS PLUMOSUS**, all sizes. **MARIE LOUISE VIOLETS**, young plants, well rooted.

A. S. MacBEAN, - - - - LAKEWOOD, N. J.

Mention The Review when you write.

FOR SALE OR RENT—Two first-class greenhouses, 2,784 feet of glass; newly built; hot water heating with Hitching boiler; good stock of roses, mums and pot plants; establishment 4 blocks from the courthouse in a town of 9,000 population; a good bargain for the right man; reason for selling, failing health. Address V. Z. D., care Florists' Review.

WANTED—A man that is capable of taking charge of 100,000 feet of glass, growing tea roses. Must be No. 1 in growing. Good wages and steady employment. Bassett & Washburn, Hinsdale, Ill.

SITUATION WANTED—In first-class floral establishment, by a lady of experience in artistic designing and cut flower work. Address I. M. Coates, 122 So. Spring Street, Lexington, Ky.

TO RENT—To reliable party, 11 greenhouses, 16000 feet of glass, store, 7-room house and barn. Business established 15 years, rebuilt last year. Finest location in Chicago. Or will sell the greenhouses; cause, poor health. Garfield Park Floral Co., 1688 West Madison Street, Mrs. Decker, proprietor.

FOR SALE—Four greenhouses, nearly new. Good retail stand. A. CLAUS, Springfield, Ill.

FOR RENT OR SALE—First class retail stand. 5,000 feet of glass. New. In city. Ought to net good man at least $3,00 per day. Must buy stock, about $500.00. Reason for selling, failing health. Address "Illinois," care Florists' Review.

SITUATION WANTED—By expert grower of plants and cut flowers. Competent in every department. Seeks a situation where he may have a chance to make his services worth more than in his present place. Can surely advance his employer's interests if given suitable opportunity. Address S. D., care Florists' Review, Chicago.

SITUATION WANTED—In floral establishment Is competent in high class design and decoration work; sober and trustworthy; best of reference. Address F. J. B., care of J. J. Beneke, 1222 Olive St., St. Louis, Mo.

WANTED—Young man as assistant in retail florist store. Must have a general knowledge of the florist business. Address, with references, H. F. Halle, 548 West Madison Street, Chicago, Ill.

WANTED—Position as foreman in first class establishment by one who learned thoroughly in England the trade of gardening, and has followed the florist business for ten years in this country. Will take nothing but first class place and will start at $60.00 a month, with chance of raise after showing ability. Good references. Address Hemb, care Florists' Review.

For Sale. First class FLORIST STORE in Baltimore, Md. Excellent trade; 20 years established; owner leaving the State. Address C. H., care of Mrs. Ruddach, 927 W. Mulberry St., BALTIMORE, MD.

Mention The Review when you write.

For Sale — GREENHOUSE BUSINESS

in Illinois city of 15,000 population, 120 miles from Chicago.

Practically no competition. Reason for selling, poor health.

Address W. H. G., care Florists' Review.

Mention The Review when you write.

DREER'S SPECIAL OFFER OF

ARECA LUTESCENS.

We offer a fine lot of clean, thrifty plants of this graceful and popular variety.

Inch Pots.	Height, Inches.		Per Doz.	Per 100.
3			$ 1.25	$ 10.00
6	Very bushy	28 to 30	12.00	100.00
			Each.	Per Doz.
7	Very bushy	32 to 36	1.50	18.00
8	Very bushy	36 to 42	2.50	30.00
8	Very bushy	42 to 48	3.00	36.00
10	Heavy single plants.	48 to 54	6.00	
12	Heavy single plants.	60 to 72	7.50	

COCOS WEDDELIANA.

Our stock of this useful palm is unusually fine.

		Per Doz.	Per 100.	Per 1000.
2¼-inch pots,	4 to 5 inches high	$1.25	$10.00	$ 90.00
3 -inch pots,	8 to 10 inches high	2.00	15.00	140.00
4 -inch pots,	12 to 15 inches high	4.50	35.00	

KENTIAS.

Our stock of Kentias occupies over one and a half acres of glass, the largest block of these most useful palms in the world. Medium sizes are scarce this season, and prices are advancing.

KENTIA BELMOREANA.

Inch Pots.	Leaves.	Height, Inches.		Per Doz.	Per 100	Per 1000.
3	4 to 5	10 to 12		$ 3.00	$25.00	$225.00
4	5 to 6	15 to 18		6.00	50.00	450.00
				Each.	Dozen.	
5	5 to 6	22 to 24		1.00	12.00	
6	6	26 to 28		1.50	18.00	
8	6	30 to 36		2.50	30.00	
8	6	36 to 42		3.00	36.00	
9	6 to 7	42 to 48		4.00		
9	6 to 7		48	5.00		
9	6 to 7	48 to 54		6.00		
9	6 to 7		54	7.50		
10	6 to 7		54	10.00		
10	6 to 7		60	12.50		
10	6 to 7	60 to 72		15.00		
12	7 to 8	7 to 8 feet		35.00 to 50.00		

KENTIA BELMOREANA. Made-up Plants.

This class of stock is very fine and has met with much favor with many of our best and most critical eastern trade.

5-inch pots, center plant about 24 inches high, with 3 smaller plants around it; each.....$ 1.25
7-inch pots, center plant about 32 inches high, with 3 smaller plants around it; each..... 2.50
8-inch pots, 4 plants in a pot, center plant about 30 inches high, others about 18 inches high; each.... 3.50
9-inch pots, 4 plants in a pot, center plant about 36 inches high, others about 20 inches high; each.... 5.00
10-inch pots, 4 plants in a pot, center plant 3½ to 4 feet high, others about 36 inches; each..... 7.50
10-inch pots, 4 plants in a pot, center plant about 4 feet high, others about 2½ feet, very heavy; each 10.00
11-inch pots, 4 plants in a pot, center plant 4½ to 5 feet high, others about 3 feet, grand specimen; each.. 12.50

KENTIA FORSTERIANA.

Inch Pots.	Leaves.	Height, Inches.		Per Doz.	Per 100.
3	3 to 4	12		$ 2.50	$20.00
4	4 to 5	15 to 18		5.00	40.00
5		18 to 20		9.00	75.00
				Each.	Dozen.
6		24 to 28		1.00	12.00
6	5 to 6	30		1.50	18.00
7		36		2.00	24.00
8		42		3.00	
8		42 to 48		3.50	
9		48 to 52		6.00	
9		52 to 60		7.50	
10		72		10.00	
12		72 to 84		25.00	
14 (in tubs)	7	7 to 8 feet		35.00 to 50.00	
16 (in tubs)	7	10 feet		75.00 to 100.00	

KENTIA FORSTERIANA. Made-up Plants.

7-inch pots, 4 plants in a pot, center plant 36 to 42 inches high, others about 18 inches; each.....$ 2.50
8-inch pots, 3 plants about 42 inches high; each..... 3.00
9-inch pots, 3 plants from 42 to 48 inches high; each.. 4.00
9-inch pots, 3 plants 54 inches high; each..... 5.00
10-inch pots, 3 and 4 plants in a pot, center plant 60 inches high; each 7.50
10-inch pots, 4 plants in a pot, center plant 5 feet high, others 2 feet high; each..... 10.00
12-inch pots, 5 plants in a pot, center plant 6 feet high, others 2½ feet high; each..... 25.00

LATANIA BORBONICA.

Our stock of Latanias is in excellent condition, especially the 2, 3 and 4-inch pots.

2-inch pots, 3 to 4 leaves, 60c per doz.; $4.00 per 100; $35.00 per 1,000.
3-inch pots, 4 to 5 leaves, beginning to show character, $1.25 per doz.; $10.00 per 100; $80.00 per 1,000.
4-inch pots, 4 to 5 leaves, an excellent lot of plants, $3.00 per doz.; $25.00 per 100; $225.00 per 1,000.

Inch Pots.	Leaves.	Height, Inches.		Per Doz.	Per 100.
5	4 to 5	18		$ 5.00	$ 40.00
6	5 to 6	18 to 20		9.00	75.00
7		24		12.00	100.00
				Each.	Dozen.
7	6 to 7	26 to 30		1.25	15.00
8	6 to 7	28 to 30		1.50	18.00
8	7	36		2.50	30.00
10	7 to 8	36		4.00	48.00

Made-up plants, 3 plants in a 7-inch pot, 24 to 28 inches high, $1.00 each. Exceptional good value for decorating.

PHŒNIX RUPICOLA.

We offer a fine lot in 6-inch pots, characterizing very nicely, with 6 leaves, 20 to 24 inches high, $1.50 each; $18.00 per dozen.

Stronger plants in 7-inch pots, 24 to 30 inches high, 6 to 7 leaves, $2.00 each.

Young plants in 2¼-inch pots, $1.00 per doz.; $8.00 per 100.

For a complete list of other PALMS and DECORATIVE STOCK see our current Wholesale Catalogue.

Henry A. Dreer, 714 Chestnut St., Philadelphia, Pa.

WASHINGTON.

The Youngest Preside t.

Some of the local florists failed to see your explanatory note on page 406 of the Review for September 8 and have requested me to correct the statement that Mr. Rudd will be the youngest president of the S. A. F. As you have yourself since noted, President W. F. Gude is decidedly the youngest man selected to preside over the destinies of the national organization. Mr. Gude was born in Lynchburg, Va., January 4, 1868, and was just 29 years of age when he assumed the presidency of the S. A. F., nine years younger than President-elect Rudd.

Soldiers Welcomed.

The local florists, with J. H. Small as chairman of the committee, gave a great floral welcome to the 1st regiment of D. C. Volunteers on their return from Cuba, September 9. They contributed a great lot of flowers and 800 bunches of flowers were made up and tied on the barrels of as many guns with ribbon of the national colors. There was also a 3-foot wreath for every officer in line and the sick men were fairly covered with flowers, while the line of march was strewn with them. It was one of the handsomest floral displays ever seen in this city.

The Market.

The cool nights have cut crops short and prices have stiffened. Teas sell at $2 to $4, Beauties $8 to $10, carnations 75 cents to $1. Asters are plentiful and fine at 50 cents per 100.

Notes.

Mr. M. Rice, of Philadelphia, was a recent visitor.

Mr. and Mrs. J. Louis Loose have returned from an extensive trip abroad.

F. H. KRAMER.

ALEXANDRIA, IND.—Mr. Snethem has built a new rose house 10x100. The Muncie Floral Co., of Muncie, Ind., are building a branch on Church St.

ELMWOOD, IND.—Wm. Woerner, successor to M. E. Good, has been improving his place and reports trade good, especially in funeral work. He recently put up a $75 piece that was greatly praised.

FRANKFORT, IND.—H. M. Humfeld has erected a new house for carnations.

M. RICE & CO.
EXCLUSIVE IMPORTERS AND MANUFACTURERS .....OF
Florists' Supplies
25 N. 4th St., PHILADELPHIA, PA.
Mention The Review when you write.

WHOLESALE CUT FLOWERS
AND FLORISTS' SUPPLIES,
88 WABASH AVENUE,
CHICAGO, ILL.
Carnations, Violets and Valley, Specialties.
Full Line of Wire Work.
LONG DISTANCE TELEPHONE
EXPRESS 466.

Bassett & Washburn
88 Wabash Ave., CHICAGO, ILL.
Wholesale Growers of and Dealers in CUT FLOWERS
Greenhouses at Hinsdale, Ill.

E. C. AMLING,
Wholesale Cut Flowers
51 Wabash Avenue,
W. S. HEFFRON, Mgr. .....CHICAGO.

W. E. LYNCH,
...Wholesale Florist...
The right kind of stock, packed in the right way, delivered at the right time, and at the right prices
19-21 Randolph St., CHICAGO.

A. L. RANDALL
Telephone 1496
Wholesale Florist
4 Washington St., Chicago.
In our new and enlarged quarters we are better prepared than ever to handle your orders.

Full Line of Wire Designs and Florists' Supplies
Successor to Winter & Glover
S. B. WINTER
Write for Illustrated Catalogue.
21 Randolph St. CHICAGO.
HIGH GRADE Cut Flowers
Properly Packed and Promptly Forwarded.

WHOLESALE GROWER OF ROSES.
DEALER IN CUT FLOWERS.
J. A. BUDLONG,
37-39 Randolph St., CHICAGO. ILL.

HOLTON & HUNKEL CO.
Wholesale Florists
And Florists' Supplies.
Phone 874. WIRE DESIGNS—OUR OWN MAKE
457 Milwaukee St.
P. O. Box, 103. Milwaukee, Wis.

WIETOR BROS.
SUCCESSORS TO
Rogers Park Floral Co.
WHOLESALE GROWERS OF Cut Flowers
All telegraph and telephone orders given prompt attention.
51 Wabash Ave. - CHICAGO.
Mention Florists' Review when you write.

V. M. & W.
Wholesale Florists,
47 WABASH AVE., CHICAGO.
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A. G. Prince & Company
Telephone .....Main 3208
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88 and 90 Wabash Ave., - Chicago

C. A. KUEHN WHOLESALE FLORIST
Cut Flowers and Florists' Supplies.
Manufacturer of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.
1122 PINE STREET, ST. LOUIS, MO.

ST. LOUIS CUT FLOWER CO.
Wholesale Florists
E. H. MICHEL
1620 Olive St., St. Louis, Mo.
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...LOUISVILLE...
Florists' Supply and Exchange
Wholesale Florists and dealers in Florists' Supplies
Special facilities for shipping south. Unequaled returns for good stock. Open night and day.
520 W. Jefferson St., Louisville, Ky.
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REINBERG BROS.

600,000 FEET OF GLASS.

WHOLESALE GROWERS OF CUT FLOWERS.

We can fill all orders on short notice with all leading varieties of Roses and Carnations. We are headquarters for fine AMERICAN BEAUTIES. Give us a trial and convince yourself.

Write for Prices on CARNATION PLANTS. 51 Wabash Avenue, CHICAGO.

Mention The Review when you write.

"Age Before Beauty," may do for some,

but — would'nt you rather have FRESH STOCK while its to be had? Never mind what happens to the stale. You think so? So does

W. S. HEFFRON, Manager.

E. G. AMLING,

51 Wabash Avenue, CHICAGO.

....WHOLESALE CUT FLOWERS....

Mention Florists' Review when you write.

Pittsburg Cut Flower Co., Ltd.

No. 705 PENN AVE., PITTSBURG, PA.

WHOLESALE CUT FLOWERS.

Long Distance Telephone 2157. Consignments of Choice Stock solicited.

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LONG'S Stationery for Florists.

New Ideas, including ANNOUNCEMENTS, BLOTTERS, CARDS, LETTER HEADS, CUT FLOWER TAGS, Etc., Etc.

Five Samples 5c in stamps. Twenty-five Samples, 20c.

DAN'L B. LONG, PUBLISHER, BUFFALO.

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"ROSE LEAF" EXTRACT OF TOBACCO INSECTICIDE

For Sale by Seed Stores

For Free Pamphlet, write to

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FOR SALE CHINESE Primroses.

Nice plants, ready for three and four-inch jars, $2.00 per hundred. Cash with order.

M. & S. DYSINGER, - - - ALBION, MICH.

Mention Florists' Review when you write.

Ferns. Ferns.

100,000 very fine commercial stock, grown in 2-inch pots, strong and hard, no better stock offered at double the price.

$2.50 per 100; $20.00 per 1000; $50.00 per 3,000.

THE E. HIPPARD CO.,

YOUNGSTOWN, OHIO.

Mention The Review when you write.

....NOW IN COURSE OF PREPARATION....

THE Florists' Manual

By WM. SCOTT.

It will tell you just what you want to know in just the way you want to be told.

It will cover the whole field of Commercial Floriculture, the articles arranged alphabetically, so that reference may be quick and easy.

It will be a whole library in itself.

Price, $5.00.

Send in your order now.

Florists' Publishing Company

520-535 Caxton Bldg., Chicago.

EXTRA HEAVY CLEAN ...STOCK...

Kentia Belmoreana

6-in., 5 to 7 leaves, $15.00 to $24.00 per dozen.
5-in., 5 to 6 leaves, $12.00 per dozen.

Kentia Forsteriana

6-in., 5 to 6 leaves, $12.00 to $18.00 per dozen
5-in., 4 to 5 leaves, $ 9.00 to $12.00 per dozen.

Field-Grown Carnations

A fine lot will be ready for Sept. delivery.

THE COTTAGE GARDENS, QUEENS, N. Y.

Mention Florists' Review when you write.

HARDY CUT FERNS.

Write for Prices.

FANCY DAGGER

L. B. BRAGUE,

Oldest, largest and most reliable dealer in the U. S. HINSDALE, Mass.

Mention Florists' Review when you write.

2,000 PRIMROSES, 2¼-in., ready to shift, per 100, $2.00.

1,000 GYNURA AURANTIACA, or velvet plant, a big seller, per 100, $3.00.

22,000 FIELD GROWN CARNATION plants, first size only. Mayor Pingree, Maud Dean, Sloane, C. A. Dana, per 100, $6.00. Armazindy, Daybreak, Helen Kellar, Ivory and Alaska, per 100, $5.00.

25,000 Geraniums, Marvel, S. A. Nutt, Hermanie, La Favorite, Mrs. E. G. Hill, W. P. Simmons and Mrs. J. M. Gaar, and 20 others, rooted cuttings from 2-inch pots, per 100, $2.00; per 1,000, $15.00.

1,000 Salvias, Clara Bedman, La President and Barnum, 2¼-inch, per 100, $2.00.

2,000 Coleus, Southpark Gem, Monarch, Prince and 10 others good for stock, 2¼-inch, per 100, $1.00.

THE MORRIS FLORAL CO., - MORRIS, ILL

Mention The Review when you write.

Ornamental Shrubs,

HERBACEOUS PERENNIALS.

A specialty of Iris, Phlox, Pæonies, Pyrethrums, Poppies, etc. Wholesale List on application.

JACOB W. MANNING,

The Leading New England Nurseryman. ESTABLISHED 1854. READING, MASS.

Mention The Review when you write.

SPHAGNUM MOSS.

A very select quality. 75c per bale, ten bales, $6.00. Grown and packed by

M. I. LYONS, Babcock, Wis.

Write for prices on car lots.

Mention Florists' Review when you write.

Always mention the Florists' Review when writing advertisers.

ST. JOHN, N. B.

The fifth annual exhibition of the St. John Horticultural Society was held on the 6th, 7th and 8th inst. in the St. Andrews Rink, which was tastefully decorated for the occasion. The show proved a decided success and the entries and exhibits were far ahead of any previous shows held by this young society.

The center attraction was a miscellaneous collection of stove and greenhouse plants from the public gardens, the most prominent being a large and well flowered Bougainvillea glabra, also an extra fine specimen of Asparagus Sprengeri; gloxinias were also good and reflected great credit on C. C. Knott, Supt., who also exhibited over forty named varieties of sweet peas and a collection of hardy perennials.

For a collection of plants, 50 sq. ft., arranged for effect, D. McIntosh secured 1st prize, also the silver cup, with H. E. Goold, "Sussex," 2nd, and Wm. McLean 3rd. In the other classes competition was keen, among the most prominent being Messrs. McLean, McIntosh, Peterson, Goold, etc. The amateur classes were all well filled.

The chrysanthemum show is to be held the 2nd week in November.

E. J. S.

TORONTO.

Miller & Son, Bracondale, have added two houses, one 18x300 and one 18x225, for that good carnation, Bride of Earlscourt.

H. Dale has two 200-foot houses of Meteors that promise to beat the records. Two houses, each 19x600, were added this summer for Brides. The entire stock is up to the usual high standard at this place.

John Dunlop has added 30,000 feet of glass to his extensive range this summer and will need his ever watchful eye more than ever to detect a weed here or to disbud there.

The brick drainage has proved a success for adiantums. All his benches for this fern are built thus and now such a thing as a snail is unknown. I do not remember ever seeing a finer lot of cuneatums at this season.

Chas. Tidy did not exhibit any designs at the exposition this season owing to scarcity of good stock. He is usually a very successful exhibitor.

W. M.

HUNT'S REVIEW OF THE CHICAGO MARKET.

It gives us pleasure to say that the past week has been decidedly better, both as regards the volume of business and the quality of the stock sent in. The cool weather has made itself manifest in short order in its effect upon the flower business.

Beauties continue to improve, both in size and color. In Maids and Brides some really fine blooms are now being cut, though proportion of such is still quite small, owing to the prevalence of mildew with many growers. Perles are good and Meteors fair. Carnations are coming more freely and of much better quality.

Some outdoor stock is being received, but in lesser quantities, consisting mainly of asters, gladioli, dahlias and Golden Rod. Green Galax leaves, first of the season, are now on the market.

SAMUEL S. PENNOCK,
Wholesale Florist,
LONG DISTANCE TELEPHONE
1612-14-16 Ludlow Street, ...PHILADELPHIA, PA.
Mention The Review when you write.

...THE BOSTON FERN...
NEPHROLEPIS EXALTATA BOSTONIENSIS.
I have three houses, 2,000 specimen plants. Spread 6 to 8 feet on bench. Suitable for 8 and 10 inch pots. Beautiful plants, now ready at 50c, 75c, $1.00 and $1.50 each. Would cost you three times as much if in pots. Can be shipped safely now by freight at low cost. Have shipped to California, 21 days, in good order. I want some of the Western Trade. Have shipped 100,000 the past two years without complaint. Let me have an order from you. Also two houses, 5,000 plants, ready in October, at 20c for 5-inch, 25c for 6-inch pots, cut from bench.
Ficus Elastica, $4.00 to $9.00 per dozen.
L. H. FOSTER, 45 King Street, DORCHESTER, Mass.
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Fresh Kentia Belmoreana and K. Forsteriana Seed.
We offer either, carriage paid to any point in U. S and Canada, 100 seeds, 63c; 1000 $4.98

		100	1000
Freesia,	⅜-½ Cal. grown, delivered,	$ .50	$3.50
"	pure white flowers	.60	4.00
Calla Ethiopia,	3-5-inch	4.50	40.00
" "	4-6 "	6.00	55.00
" "	5-7 "	8.00	75.00
Lil. Harrisi,	5-7-inch	4.00	37.00

5 per cent. discount for cash.
All other seasonable Bulbs and Seeds in stock or to arrive.
Address—
H. H. BERGER & CO.
47 Barclay St., NEW YORK.
(Established 1878.)
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GIVE US A TRIAL WE CAN PLEASE YOU.

ROSES, CARNATIONS, and All Kinds of Seasonable Flowers in stock.
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Also Dealer in Florists' Supplies and Wire Designs.
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THE LARGEST SUPPLY HOUSE IN AMERICA
New Catalogue of all Florists' Supplies on application. For the trade only.
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Original Headquarters for CARNATIONS.
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Asparagus Plumosus Nanus
Strings 10 to 12 feet long, 50 cents. Shipped to any part of the country.
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Florists' Review

Field-Grown Carnations, FINE PLANTS.

500 Tidal Wave, 500 Silver Spray. 500 Daybreak. 500 Wm. Scott.
$3.00 per 100, $25.00 per 1,000.

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Subject to Change Without Notice.

We are Headquarters for CUT FLOWERS.

ROSES.

Good stock scarce.

Beauties, long	per doz..	$1.50—2.00
" medium	"	1.00
" short	"	.50— .75
Brides	per 100,	3.00—4.00
Kaiserin	"	4.00—5.00
Maids	"	3.00—4.00
Meteors	"	3.00—4.00
Perles	"	2.00—3.00
Our selection	"	2.00

CARNATIONS.

Selected Stock	per 100,	$4.00—4.50
Good	"	.75—1.00

GREENS.

Asparagas	per string,	$ .50
Ferns—Adiantum	per 100,	.75
Common Fancy	per 1,000,	1.50
Smilax	per doz.,	1.25—1.50
Wild Smilax, can supply on 4 days' notice. Large case	$5.00	
Medium	5.50	
Parlor Brand	3.75	
Galax Leaves, green, $2.00 per 1000.		

MISCELLANEOUS.

Alyssum	per doz.,	$0.15
Callas	"	1.00—1.50
Auratums	"	1.00—1.25
Valley	per 100,	5.00
Gladiolus Stalks	"	2.00—3.00
Tuberose	"	6.00
Hydrangea " (fine)	"	4.00—8.00
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Asters, smaller, but still fair	"	.50—1.25

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☞ Special Attention given to the Shipping Trade.

PANSIES Worth Raising.

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3-16 oz., $1.00; 1 oz., $4.00. Up in 8 to 10 days if properly treated. **Fine Stocky Plants,** $4.00 per 1000. F. O. B. express. Cash with order.

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TOMATO SEED FOR SALE in limited quantities.

Sutton's best of all and Frogmore sele.t, for forcing, also outside growing. (Frogmore two weeks earlier under glass.) Our experience with these varieties demands giving them the highest praise. Round, solid and uniform in size and very prolific.

For above Tomatoes we are now receiving **15c** per pound. We invite inspection at our Millburn Gardens. **50c** per packet, postpaid. Address

South Mountain Gardens, MILLBURN, N. J.

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Rooted Cuttings of Ageratum Princess Pauline, the most distinct and novel variety of dwarf compact habit, color sky blue, most desirable plant for retail trade, per 100, $2.00.

Cyclamen Persicum in four colors, fine plants, 4-in., per 100, $12.50. **Roses Souv. de Wootton and Bougere,** 4-inch, per 100, $5.00. **Field Grown Carnations,** Jubilee, Armazindy, Mayor Pingree, per 100, $7.00. Alaska, McGowan, Kohinoor, Daybreak, Rose Queen, Scott, Dorner and W. D. Sloane, per 100, $5.00. Cash with order.

CHRIST. WINTERICH, - DEFIANCE, OHIO.

Mention Florists' Review when you write.

SEND IN your order now for a copy of The Florists' Manual, by William Scott. It will cover the whole field of commercial floriculture and will be the standard work of reference for the trade. Price $5.00.

..FIRST QUALITY FORCING ROSES..

Fully equal to those sent out the last six years, first-class and perfectly healthy in every respect. Only selected growth from flowering shoots used in propagating.

LA FRANCE, PRESIDENT CARNOT,
METEOR, SUNSET, BON SILENE, PERLE, KAISERIN,
BELLE SIEBRECHT, MME. HOSTE, BRIDE,

3-inch pots, $6.00 per 100; 4-inch pots, $8.00 per 100

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FLORISTS' SUPPLIES

Live Sphagnum Moss For Orchids, etc., $1.25 per bbl.

Sphagnum Moss First quality, 85c per bale, 10 bales $6.00.

Peat $1.20 per bale, quality A No. 1.

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Florists' Mutual

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For Your { Trees, Shrubs, Vines, and Small Fruits.

Descriptive Illustrated Catalogue **Free.**

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CARNATIONS.

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Palms, Ferns, Field-Grown Carnations

SEND FOR PRICE LIST.

CUT FLOWERS, WIRE WORK AND ALL FLORISTS' SUPPLIES.

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GRAND RAPIDS, MICH.

Trade is beginning to pick up, receptions are getting plenty, a number of weddings are booked for the near future and shipping is also improving, with ideal bright yet cool fall weather.

Carnations are scarce and retail at 20 to 25 cents per dozen. Good roses also scarce at 75 cents per dozen.

One fully appreciates a nice batch of swainsona this season of the year, they are so indispensable to the proper makeup of a funeral design, when carnations and roses are scarce, and sweet alyssum is whipped and hardly a flower to take their place.

The florists are making great preparations for an exhibit at the "state fair" here next week. The fair officials allowed the florists to revise the premium list to suit themselves. The list was revised and competition promises to be keen. The exhibitors will be Crabb & Hunter, James Schols, Grand Rapids Floral Co., Wm. Cunningham, and Henry Smith, although it is reported he will not have time to attend to it on account of a heavy crop of fruit to market.

GEO. F. CRABB.

LOUISVILLE, KY.

Messrs. Wood & Stubbs have embarked in the seed and bulb business at 200 East Jefferson St. The new firm is composed of Mr. C. F. Wood and Mr. W. P. Stubbs. Mr. Wood was for the last eight years a member of the firm of T. W. Wood & Sons, Richmond, Va., and Mr. Stubbs was also associated with the same firm for about nine years. The firm has already issued an attractive retail fall catalogue.

INDIANAPOLIS, IND.

At a meeting of the Society of Indiana Florists held Sept. 15, committees were appointed to care for the various details of the next chrysanthemum show to be held in this city Nov. 8 to 12. Premiums amounting to about $1,800, have already been guaranteed. Theo. A. Bock, of Hamilton, O., will be invited to act as judge.

BUY YOUR supplies from the advertisers in The Florists' Review, and thereby increase the earnings of your certificate.

Carnations!! ...IDEAL FIELD CARNATION PLANTS

Our Stock Surpasses that of all previous years.
Send for complete list of the best NEW and standard varieties.

GEO. HANCOCK & SON, GRAND HAVEN, MICHIGAN.

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CARNATIONS

...Fine...
Field-Grown Plants

Wm. Scott ....
Nancy Hanks
Emma Wocher...
Tidal Wave.....
Portia .....
Lizzie McGowan
Kohinoor .....
Nivea.....

$3.00 Per 100
$25.00 Per 1000

Morello, Mayor Pingree, $6.00 per 100; $50.00 per 1000.

NO ORDER FOR LESS THAN 100 ACCEPTED.

REINBERG BROS.

51 Wabash Ave. CHICAGO, ILL.

Mention The Review when you write.

CARNATIONS -- Pingree, Armazindy and Triumph, field grown. Ready now, write for prices.

ROSES -- Brides, Belle Siebrecht and Meteors in 3-inch pots. Maids, Brides and Beauties in 2½-inch pots.

SMILAX, in 3-inch pots, $3.00 per 100.

Send 50c or $1.00 for samples and prices to

GEO. A. KUHL, Pekin, Ill.

Mention The Review when you write.

Carnations!

....700 Lizzie McGowan

Fine Stock, free from rust, at $4.00 per 100 first size, $3.00 second size. Cash with order.

ERNST MAAG, QUINCY, ILL.

Mention The Review when you write.

WHO Wants Them? Four extra fine Kentias in 12-in. pots, 6 leaves, 5 to 6 ft. high, perfect plants for decorating, $8.00 each. Also 4 Lantania Borbonica, in 10 and 12-in. pots, $3.00 and $4.00 each.

W. A. WETTLIN, - Hornellsville, N. Y.

Field Grown Carnation Plants..

Stock Ready September 1st.

A good season has put our Field Grown Stock for Fall Planting in excellent condition, clean, healthy and strong.

The condition of our ground is such to insure the lifting of a plant with little or no loss of roots. Send for Price List.

F. DORNER & SONS CO.,

LaFAYETTE, IND.

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SCOTT CARNATIONS..

Field Grown, Healthy Plants, medium size, $6.00 a hundred, $50.00 a thousand.

JOHN WELSH YOUNG, Germantown, Pa.

Upsal Station, Penna. R. R.

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..CARNATIONS..

Strong, healthy plants, leading varieties, popular prices.

VIOLETS -- Extra fine, healthy clumps of Marie Louise, from field.

Write for Price List.

CRABB & HUNTER, GRAND RAPIDS, MICH.

Mention The Review when you write.

...SURPLUS CARNATIONS

Strong Healthy Plants

1500 Portia ..... } $3.00 to $5.00 per 100
1000 Lizzie McGowan ..... }

Send 25c for sample.

Write for prices on larger quantities.

BOSTON FERNS, strong runners, from bench, $3.00 per 100.

JAMES C. MURRAY, 401 Main St., PEORIA, ILL.

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50,000 Carnations Ready for Shipment Now.....

They are strong healthy plants--field-grown—and have carefully been disbudded all summer, they are now setting their first buds. This stock should not be confounded with stock that has flowered most of the summer and is now offered at low prices. Such stock is dear at any price.

We Offer the Following Varieties--Price, except where noted, $5.00 per 100, $40.00 per 1000:

WHITE { **Uncle John** / **Alaska** / **Storm King** / **Ivory** / **Flora Hill, $7.00 per 100**

Daybreak, light pink.
W. Scott, standard pink.
Rose Queen, bright rose color.
Nancy Hanks, light pink.
Della Fox, peach pink.
Bridesmaid, fine pink.

	Per 100
Jubilee, scarlet	$5.00
Triumph, large pink	6.00
C. A. Dana, new pink	6.00
Albertina, large light pink	5.00

WRITE FOR SPECIAL PRICES ON LARGE QUANTITIES.

Terms: Cash or satisfactory references. Address—

Forest City Greenhouses. **H. W. BUCKBEE, ROCKFORD, ILL.**

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Surplus Carnations and other Plants.

2,500 Flora Hill, fine.....$6.00 and $8.00 per 100.
1,000 McGowan..... 3.00 and 5.00 "
1,000 Daybreak..... 3.00 and 5.00 "
400 Violets, fine clumps, Campbell and Farquhar, $5.00 per 100.
500 Vincas, fine clumps, 3 varieties, $6.00 per 100.
100 Dracaena Indivisa, strong, 3-inch pots, $5.00 per 100.

Stock Geraniums from 3-inch pots—Nutts, Hills, La Favorite, Glorie de France, Nephetos, Bailey, Heteranthe and others. My selection of all the varieties named, $4.00 per 100. Customer's selection, $5.00 per 100.

"CLYDE." A New Single Geranium, a seedling of Mrs. E. G. Hill. In every way like its parent, excepting color, which is a beautiful bright red, shaded somewhat with orange. A variety worth trying. Fine for pot or bedding. Orders booked now. Price 35c each, $3.00 per dozen. Cash with order from unknown customers.

W. E. HALL,
SUCCESSOR TO E. HALL & SON,
CLYDE, O.

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Field Grown Carnation and Violet Plants

Good Stock.... Low Prices....

A. WASHBURN & SON, Bloomington, Ill.

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FIELD GROWN... CARNATIONS.

Silver Spray, Wm. Scott, Emily Pierson, Rose Queen. $2.00 per 100.

Good second quality plants. Order at once.

THE STOVER FLORAL CO.,
GRANDVILLE, MICH.

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Carnations. 3,000 Extra Fine Field Grown Plants of DAYBREAK.

Also 1,000 **McGowan**, 600 **Scott** and 500 **Meteor**. Write for prices.

W. A. WETTLIN, Hornellsville, N. Y.

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4 Acres Field-Grown Carnation Plants, 91,000

Our Carnations are grown with the greatest care. Free from disease, and packed light by our improved system of packing, by which we can send them to all parts of the United States and Canada in perfect condition

CAPTAIN KING	**JOE JEFFERSON** $2.00 per dozen.	**MAYOR PINGREE** $10.00 per hundred.	**C. A. DANA**
JUBILEE	**BUTTERCUP** $1.50 per dozen.	**CRIMSON SPORT** $5.00 per hundred.	**HELEN KELLER**
BRIDESMAID IVORY	**METEOR ARMAZINDY** $1.25 per dozen.	**MME. DIAZ ALBERTINI DAYBREAK** $6.00 per hundred.	**CHESTER PRIDE STORM KING**
SWEETBRIER PORTIA	**L. L. LAMBORN SILVER SPRAY** $1.00 per dozen.	**LIZZIE McGOWAN PURITAN** $5.00 per hundred.	**WM. SCOTT MRS. FISHER.**

Send for Price List.

J. L. DILLON, BLOOMSBURG, PA.

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SPECIAL INDUCEMENTS TO FLORISTS

ON THE LARGEST STOCK OF

Ornamental Trees, Shrubs, Vines and Roses

IN THE UNITED STATES. WRITE TO US FOR SPECIAL PRICES.

W. & T. SMITH CO., GENEVA, N. Y.

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Surplus Stock of.... Field Grown **CARNATIONS**

1,500 Stocky Plants, the very best of Wm. Scotts. $30.00 will take the lot.

MORTON GROVE GREENHOUSES,
P. KREISMANN,
27 Market Street, - - - - CHICAGO.

Mention The Review when you write.

E. G. HILL & CO.

RICHMOND, IND.

FLORA HILL, JUBILEE..... Field Clumps, $8.00 per 100. $75.00 per 1,000.

Mention Florists' Review when you write.

CARNATIONS.

Fine, Large, Field Grown Plants.

500 Flora Hill, best white, $6.00 per 100; 500 Scott, $4.00 per 100; 450 Tidal Wave, $4.00 per 100; 200 Ivory, $4.00 per 100; 700 Silver Spray, $4.00 per 100; 400 Daybreak, $4.00 per 100; 150 Bridesmaid, $4.00 per 100; 150 Rose Queen, $4.00 per 100.

E. HAENTZE, FOND DU LAC, WIS.

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GREATEST BARGAIN IN PLANTS

BECAUSE ALL STOCK OFFERED IS IN A-I CONDITION.

Roses. Maids, Brides, 4-in., $7.50 per 100. Meteors, Maids, Brides, Perles, Niphetos, 3-in., $5.00 per 100.

Carnations. Field-Grown, ready now. Daybreak, Scott, McGowan, Jubilee, Rose Queen, Helen Kellar, at $7.00 per 100, or $65.00 per 1000.

Violets. Marie Louise, field-grown, ready now, $6.00 per 100, or $55.00 per 1000.

Rubber Plants. Ficus Elastica. Plants in 5-in. pots, at $5.00 per dozen.

Begonia Rex. 4-in. pots, $20.00 per 100.

WM. F. KASTING,
495 Washington St., BUFFALO, N. Y.

Mention Florists' Review when you write.

ROSE PLANTS.

Extra Strong 3 and 4-in. Stock, Healthy

	—Per 100— 3-in.	4-in.
BRIDES	$3.00	$5.00
BRIDESMAID	3.00	5.00
METEOR	3.00	5.00
PERLE	3.00	5.00

BROWN & CANFIELD, - - - Springfield, Ill.

Mention The Florists' Review when writing advertisers.

FLATBUSH, N. Y.

The Flatbush Florists' Bowling Club held their weekly meeting on Thursday evening, Sept. 15, at Schwalback's Bowling Alleys, Flatbush. The late tournament was of course the chief topic discussed and the boys were honestly glad the Philadelphia boys won, because they hope another opportunity will be given them to win back a reputation by beating Habermehl's team. No one that was present at that memorable tournament will forget the fog-horn lungs of Philadelphia's Mascot, Longinotti. Sitting on a high stool in the midst of his team his lion-like roars of "Eat 'em up boys, eat 'em up," conduced more than any other point to make the Quakers successful and confuse the other contestants. New York nerves are not accustomed to such awful coaching, and it's little wonder the boys went to pieces.

Following are the scores made this evening in the quietness of their own alleys with Papa Zeller coaching. Papa Zeller, by the way, is to-day one of the most interesting figures in American floriculture. His name is connected with the first carnations grown for the New York market and his stories of the past are at all times interesting. Notwithstanding his great age he is as young as the youngest in everything pertaining to the trade, even in bowling, as will be seen in his scores:

	1st.	2nd.
Papa Zeller	147	150
L. Schmutz	201	143
A. Zeller	110	168
H. Dailledouze	115	148
T. Brennan	209	125
E. Dailledouze	123	167
P. Riley	153	160
P. Dailledouze	112	154
J. I. Raynor	157	150
J. I. Donlan		125

D.

ELMIRA, N. Y.

Grove P. Rawson's stock is unusually fine this season and we may expect to see some more prize-winners at the fall shows. Violets and roses vie with carnations for supremacy in quality.

E. M. & H. N. Hoffman report big sales, particularly in cannas, which they have gone into quite heavily this season. They are making extensive trials with new varieties. Just now they are making a display in their extensive store windows of gladioli, which are at their best and comprise choice colors. Roses, carnations and violets are healthy. W. M.

WAUSAU, WIS.—Alfred Leubner has sold his florist's business to M. Phillips, an Indiana gentleman who will not take charge until Nov. 15.

"CONTINENTAL LIMITED."
NEW FAST TRAIN EAST VIA THE WABASH.
Leaves Chicago daily at 12:02 noon; arrives Detroit 8:20 P. M., Buffalo, 5:00 A. M., New York 3:30 P. M., Boston, 5:50 P. M.—only one night on the road. Through sleeper. Ticket Office, 97 Adams Street, Chicago.

A LETTER FROM A
...Chrysanthemum Prize Winner...

"The cutting was struck in January and put in a 4-inch pot about the first of February. Five weeks later it was shifted into a 6-inch pot; in May being given another shift into an 8-inch pot, in pure Jadoo Fibre. Later shifts were made in the same material, and about August 1 the plant received its final shift into a 13-inch pot, in which it was exhibited. When the buds were set I started watering with Jadoo Liquid according to directions about twice a week, gradually increasing the strength until the blooms were half developed, when a little of the Liquid in a much weakened form was given."

Don't you want to be a Prize Winner this year?

The American Jadoo Co.,
817 Fairmount Avenue, ...PHILADELPHIA, PA.
Mention Florists' Review when you write.

The MODEL Extension Carnation Support....
Also Wire Rose Stakes.

QUEENS, N. Y., Feb. 16, '97.
MR. THERON PARKER, Brooklyn, N. Y. Dear Sir:—I have tested your latest Model Carnation Support, and am free to say that I consider it the best wire carnation support that I have ever seen. It is quickly and easily applied, and I think will prove very durable, and you certainly deserve great credit for the invention.
Very truly yours,
C. W. WARD.

FLATBUSH, BROOKLYN, N. Y., Feb. 18, '97.
MR. THERON PARKER.
Dear Sir:—Your wire stake is certainly a gem. Without hesitating we endorse it as an up-to-date Carnation Support. Yours truly,
DAILLEDOUZE BROS.

W. HOBOKEN, N. J., Feb. 18, '97.
MR. THERON PARKER, Brooklyn, N. Y. Dear Sir:—It gives me much pleasure to congratulate you upon your success in getting up Carnation Supports. I think that those I have had from you are about as perfect as anybody will be able to make them. They certainly fill my bill for an ideal carnation support, a thing I have been looking for for a long time. Wishing you every success in the sale of them, I am,
Yours truly, E. ASMUS.

Write for Prices, Circular and Special Discounts for early orders.

The Model Plant Stake Co.
THERON PARKER, Mgr., Inventor and Patentee,
22 Morton Street, BROOKLYN, N. Y.
Mention The Review when you write.

What You Need!

	Per 100
1000 Carnations, strong field-grown. Nivea, Md. Albertini, McGowan, etc	$4.00
Primroses, best strain	2½-in. pots. 3.00
Asp. Plumosus	" 6.00
Asp. Sprengeri	" 6.00
Impatiens Sultani	" 3.00
Begonia Rex	" 4.00
Mignonette, Allen's Defiance	" 2.00
Mt. of Snow Geranium	" 4.00
Vincas, 2½-3½-in	$2.00-4.00
Forget-me-not, winter flowering, 2½-in	3.00

Rooted Cuttings and Other Stock.
Write us what you need and get prices.
Terms cash or C. O. D.
GREENE & UNDERHILL, - Watertown, N. Y.
Mention The Review when you write.

Correspondence Solicited

ORCHIDS
Imported and established stock of A1 quality always on hand, also a complete line of best Cherry Wood Baskets, Fresh Moss and Peat, etc.
ARRIVED, IN FINE CONDITION,
Cattleya Speciosissima, C. Harrisoniae and Oncidium Varicosum Rogersii.
Cattleya Mendelli to arrive shortly.
Lager & Hurrell, Growers and Importers.... Summit, N. J.
Mention Florists' Review when you write

HERR'S PANSIES
BUY THE BEST.
Seed at $1.50 per quarter ounce. A liberal packet for $1.00
Plants at 75c per 100 or $4.00 per 1000; 250 for $1.00, by express.
Albert M. Herr,
LANCASTER, PA.
Mention The Review when you write.

SURPLUS STOCK OF ROSES.
500 Perles, 1000 Brides, 1500 Bridesmaid, fine stock, out of 2½-inch pots, $4.00 per 100, $25.00 per 1000.
VIOLETS, field grown clumps, $3.00 per 100.
C. LENGENFELDER,
Cor. Western and Berteau Aves., CHICAGO, ILL.
Mention The Review when you write.

Always Mention the
Florists' Review
When Writing Advertisers.

Heacock's PALMS
OFFER OF

All measurements given are from top of pot, and don't you forget it.

ARECA LUTESCENS.

3 Plants in	3-in. pots,	10 to 12 in. high			$3.00 per 100.	
3 "	4 "	15 to 18 "			25.00	"
3 "	5 "	20 to 22 "			50.00	"
3 "	6 "	22 to 26 "			75.00	"
3 "	8 "	36 to 42 "			$2.00 each,	24.00 per doz.
3 "	8 "	42 to 48 "		2.50 "	30.00	"
3 "	10 "	48 to 52 "		5.00 "		
3 "	10 "	52 to 66 "		6.00 "		
3 "	12 "	5 to 6 ft. high, very bushy		10.00 each.		

A few bushy specimens, 14-in. pots, 7 to 8 feet high.... 25.00 "

My stock of this variety is very large, grown cool, clean and very healthy and cannot fail to give satisfaction. All are grown three plants in a pot.

LATANIA BORBONICA.

2-in., 3 to 4 leaves ..... 6c per doz., $1.00 per 100, $35.00 per 1,000.
3-in., 4 to 5 " 12 to 15 in. high..... 10.00 per 100.
5-in., 5 to 6 " 18 in. high ..... $5.00 per doz., 40.00 "

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2 x 3-in. pot,	1 Plant,	6 to 8 in. high			$10.00 per 100.
3 x 3 "	1 "	8 to 10 "			15.00 "
3 x 3 "	1 "	12 to 14 "			20.00 "
4 x 3 "	1 "	15 "			40.00 "
5 x 3 "	1 "	15 to 18 "		.50c each.	6.00 per doz.
5 x 3 "	3 "	15 to 18 "		50c "	6.00 "
6 x 3 "	1 "	28 to 30 "			1 50 each.

My stock of this beautiful variety is very large and in excellent condition.

KENTIA BELMOREANA.

3-in. pots,	4 to 5 leaves,	10 to 12 in..	$4.00 per doz.,	$25.00 per 100.
4 "	5 to 6 "	15 to 18 in .	6.00 "	50.00 "
5 "	5 leaves,	18 to 20 in	12.00 "	
6 "	6 "	18 to 20 in	15.00 "	
6 "	6 "	24 to 30 in	18.00 "	

I desire to thank my customers for past favors, and suggest that with increased facilities I am offering a larger **STOCK OF PALMS,** and will be able to serve them better than ever before. My trade in the past has exceeded my most sanguine expectations, and with prosperity smiling on our country, I bespeak a share of their patronage in the future. The Palms offered are all **HOME GROWN, STRONG and HEALTHY.**

The measurements given are from the top of pot to the top of plant, in its natural position.

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MADISON, N. J.

Club Notes.

The regular meeting of Morris County Gardeners and Florists was held in Masonic Hall on Wednesday evening, President Duckham in the chair. There was a very large attendance on hand, including some of the associate members who rarely appear at the regular meetings, but were out on this occasion with the craft in expectation of an interesting evening with Professor Byron D. Halsted, of the New Jersey Experiment Station, as the speaker.

This being the professor's first appearance before our society he was given a hearty reception on rising to speak. His subject was, "Weather in Its Relation to Growing Crops." By the aid of a large chart displayed upon the wall whereon was a compilation of the rainfall registered in New Jersey during the last 10 years throughout the growing 6 months, that is from April to September inclusive, he showed the intimate connection between the weather and the sudden outbreak of certain pests and diseases that affected growing crops. He was not there, however, to berate the weather, as after all it was only a condition in the case and not the actual cause. The point he sought to convey, however, was that since their tabulated records proved that under such conditions certain outbreaks might be naturally expected, the alert cultivator by being thus forewarned was virtually forearmed, if he only availed himself of some of the preventive measures that had now been practically demonstrated as efficacious.

After concluding a most interesting talk Professor Halsted invited questions. Mr. Scott was the first to catch the speaker's eye, because he happened to be looking that way, but there were others all round the room, and the Professor found, as he afterwards took occasion to mention when returning thanks for his cordial reception, that the Morris County Society was a real live one, and it was a pleasure to attend its meetings.

The monthly exhibitions maintain their interest and volume. J. Jones and J. Robertson divided honors in the vegetable class. W. Duckham brought down some good annuals, and P. Cox had a large display of perennials, including a bunch of the Physalis Franchetti, which was illustrated in one of the earlier issues of The Review. In wild flowers the order of the previous month was reversed, E. Reager winning 15 points for 62 varieties and A. Herrington 14 points for 54 varieties. A.

PLEASANT HILL, MO.

A fall of hail on the 15th inst. broke between 600 and 700 lights of glass on the greenhouses of Mr. Geo. M. Kellogg. He feels that he was very lucky in not having a heavier loss as the storm was severe.

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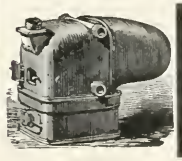

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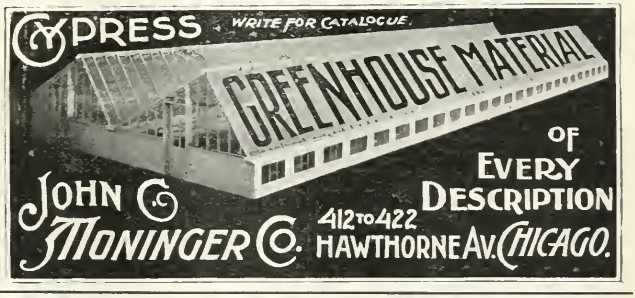

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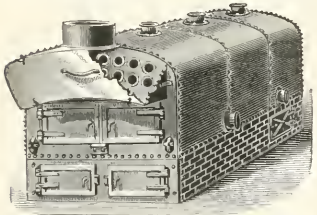

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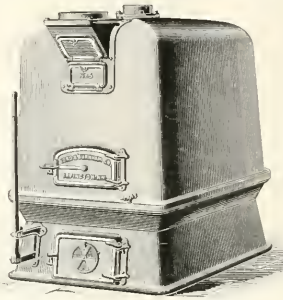

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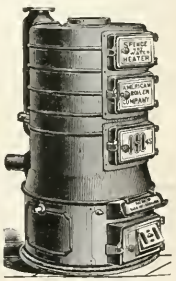
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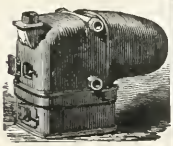

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THE WEEKLY FLORISTS' REVIEW

Watson B. M. 52
Jamaica Plain Mass.

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ADIANTUM MACROPHYLLUM.

The subject of our illustration is one of the most distinct of the large family of maidenhair ferns, and as a matter of fact to many persons to whom the idea of a maidenhair fern is associated with the light and airy fronds of A. cuneatum, the rather stiff and heavy looking leaves of this species would seem to belong to an entirely different genus.

Adiantum Macrophyllum.

The large pinnated species of adiantum, among which we find A. macrophyllum, A. peruvianum, A. Seemannii and A. Wilsonii, form a very interesting group, and one which adds greatly to the beauty and variety of a collection of ferns. Adiantum macrophyllum is a moderate growing species, the fronds being erect, from one to two feet high, simple pinnate, and having stiff black stems.

The pinnae of the barren fronds are very large, being frequently three to four inches long, by about two inches wide, and when first unfolding are bright pink in color, finally changing to deep green.

The pinnae of the fertile fronds are usually smaller, the spores being found in an almost continuous band around the margin. These spores germinate fairly well if carefully gathered and preserved, and the young plants thus secured are much better than those obtained from division of the old crowns, as they grow more freely and in better form.

No special difficulty is experienced in the culture of A. macrophyllum, the main features being a moderately light soil, good drainage, and the glass shaded throughout the greater portion of the year. In regard to temperature, the same may be given as to A. Farleyense, namely, from 65 to 70 degrees at night, and also like the latter variety it may be said that A. macrophyllum does not like a strong draught over the young foliage while unfolding, else it is likely to be crippled, though after the fronds of this species are fully hardened they will stand quite a good deal of exposure without injury.

A. macrophyllum is a native of the West Indies and tropical America, and has been in cultivation for a little more than a century, though yet uncommon in trade collections.

W. H. TAPLIN.

ROSES ON SIDE BENCHES.

I have read with interest the views expressed by Mr. Dale at Toronto, published in the Review for Sept. 15. In comparing the methods of cultivating the rose ten years ago and now, Mr. Dale says he "would not recommend the use of side benches, as I find the main demand is for long-stemmed No. 1 stock, and this cannot be grown on side benches near the glass."

It seems to me this statement ought

to be qualified. If Mr. Dale is speaking of Beauties, there is no room for discussion, but if not, will he kindly explain why good tea roses cannot be grown on side benches in Canada? There may be difficulties with which those farther south do not have to contend. The disadvantage in Mr. Dale's plan is that it requires an extra walk. Taking as a basis a house 100x20, with outside walks two feet wide, you lose 200 square feet of bench room or about one-seventh of the whole. This heavy loss must be made up by the extra quality of the stock produced. If Beauties, and Beauties only, are to be grown, the answer is plain, but otherwise it is not clear.

Personally, my side benches have yielded as good returns as the center ones, taking the season as a whole. The plants on these benches are, however, three and a half feet of head room on the row next the front ventilators, and the other rows more. Even in a Beauty house many New Jersey growers prefer using side benches, planted with Brides and Maids to putting in an extra walk. I know Mr. Dale's views are shared by some other experts, but I would very much like to know whether his opinion is supported by figures, and, if so, how much head room his side benches have?

JOHN WELSH YOUNG.

Germantown, Pa.

CARNATIONS

Origination of New Varieties—Sowing of the Seed and Cultivation.

We have arrived now in our notes at the time to sow the seed. The seed should be thoroughly ripe, and to hasten the ripening process we cut the seed pods with 8 or 10-inch stem as soon as the seed has turned black; this is shown by the blackish green color of the pod, with the point turning yellow. Lay same in a cool, airy room, and beware of mice, as they are very fond of carnation seed. At one time they dug half of my crop out of the ground, just sown, in one night.

When the stem has dried up, the pod will open at the point to discharge the seed, indicating that the seed is ripe and ready for sowing. This is the natural course, the same as if left on the plant. It only hastens the ripening, and when left to open on the plant, there is a liability to spill the seed, as it will drop out readily when tilted over. If by accident a pod should be opened or broken and the seed still adheres to the green base or hilum, it is best to let it dry and harden in a paper bag before sowing. I have sown seed that had not even turned black and found some percentage to germinate.

We use flats and sow the seeds in rows. When up so it can be handled, we transplant in little pots. Six weeks from the sowing of the seed the plants will be large enough to plant out in the field, which is with us generally from the middle to the last of May. They receive the same cultivation as all our other stock, with the exception that we do not top them, for we want them to bloom as early as possible, thus giving an opportunity to select that which we find worthy to transfer to the house and save work on worthless stuff. All those selected are marked and topped now, to bring them in conformity to the general rules of cultivation. The young plants commence to bloom in August and we had some that bloomed as early as the middle of July from seed set in January.

Results.

Now we come to the most interesting chapter, a description of the new progenies. The wide scope of possibilities, of inheritance from all stages of its development during centuries, from its primitive originality up to the improved form of today, make this an interesting as well as fascinating study. It is not often that we win a prize in this game of chance; results are most times disappointing, but always interesting. It is impossible to follow or even imagine the intricate working of Mother Nature in the reproduction of this genus of plants. We can hardly call it a full reproduction, for when even a flower becomes fertilized with its own pollen, the results will not all be like the parent. This uncertainty is caused by the many stages in the evolution of the carnation during centuries. Adhering characteristics, made inheritable from ages ago, crop out here and there, reminding us that culture with the aid of cross-fertilization and probably hybridization, only wrought these changes; but at the same time remind us also that these characteristics are still present, and any lack in culture will cause a reversion towards primitive originality. These are the views of the florist who produces that which is most remunerative. A scientist probably has different ideas.

When we remember how careful we were in the selection of the parent flowers and varieties, and compare them with the results, how disappointing. In the first place, we find nearly 50 per cent. single flowers, the most striking proof of the tendency to breed back. These may vary very much in color from either parent. In fact, in color we find a great deviation from the parent flowers. The larger percentage may be of the same color, but there are most always other colors of some varieties that can be traced to ancestors of several generations ago, as well as new shades, and these we find as well in crossings of the same color as in crossings of two different colors.

The deviation in the habit of growth is as marked as it is in color, and is often most deceiving and disappointing. The largest and most vigorous plants show mostly single flowers, and, as I have said, this tendency to revert to single flowers is most disappointing. A large percentage may resemble either one of the parents, or may possess characteristics of both, but we find others with no resemblance at all, and among these is the habit of the hardy garden carnation, or pink, the direct parent of our present everblooming type. These will not bloom the first year, and by my experience I consider them worthless. And then we find some resembling the Malmaison type, so much grown in England, with a short, jointed, but strong, stem; short, wide, cup-shaped calyx, and often with very large flowers. I have been, and am yet, experimenting with them, but cannot show any results that would encourage their culture in this country.

Next we find a small percentage of the reverse to the single flower. The transformation of the stamens into petals, that constitute a double flower, seems to be multiplied three and four times, for we find flowers of extremely large size and fullness, measuring five and six inches in diameter, but with no form, ragged and imperfect to the extreme—monstrosities and worthless. Furthermore, we often find these flowers without ovary and seedpod, and in place a second developed flower bud that in time will open before the petals of the first have faded away. These monstrosities have never a perfect calyx; it generally bursts before the bud is half grown.

Next we find a number of large and apparently good double flowers of fair form, but with a weak calyx, with a tendency to burst. We may find on these plants some perfect flowers, leading us to the belief that the bursting tendency may disappear, and in my experience I have found such that are valuable varieties and in general cultivation now; but the majority are habitual bursters, and will always furnish a large percentage of bursted flowers. It seems natural for all large flowers to burst, but it depends much as to how the petals are arranged and grow in the closed bud. If they grow up without becoming cramped and lapped over each other, so they can push straight out of the calyx and finish their growth, even a very large, full flower will seldom burst; it de-

Looking South-east from top of Water Tank.

Looking North-east from top of Water Tank.

GREENHOUSES OF MESSRS. BASSETT & WASHBURN, HINSDALE, ILL.

pends just as much on the arrangement of the petals in the bud as on the strength of the calyx to prevent bursting. We all know that circumstances and wrong treatment often cause flowers to burst, but I speak here of the natural tendency and disposition to burst the calyx as found in a batch of seedlings.

We can notice other deviations from the present flowers, as well as imperfections. We may find a plant whose flowers are totally destitute of stamen and pollen, while others may be imperfect in the female organs, or have in place of the customary two pistils three and four, or the pistils may have side prongs resembling an elk's horn. In the form of the flower we find a great diversity from the present flowers, and the most remarkable feature of the whole is that all these deviations from the parent flowers mentioned here may be found in the plants from seed of one and the same flower, the one and same seed pod.

I have here enumerated the great majority of features we have to expect, and what is considered mostly worthless. In my next notes I will mention the selection of the plants which we consider worthy of a trial in the houses, a very small minority.

FRED. DORNER.

A CHRYSANTHEMUM MAGGOT.

Is there any remedy for the little white maggot that gets in the foliage of chrysanthemums? I have grown chrysanthemums several years and never had any trouble from this source before. When the pest first appeared I went over the house and picked off all affected leaves, but it is now as bad as ever. This little worm breeds and lives between the two surfaces of the leaves and eats their substance, causing large brown blotches. Is this a new chrysanthemum trouble? J. P. G.

J. P. G. is troubled with something

that we are not yet familiar with. We know the different species of aphis that are always with us, and unfortunately the rust, and some years a black spot, similar in appearance to that which troubles American Beauty and other roses, but that is doubtless a fungus.

For some years we have had to fight against the ravages of a small green worm that eats not only the leaves of chrysanthemums, but cinerarias, geraniums and many other plants; so omnivorous is he that when his favorite salad is not at hand the common dock leaf suffers. In size it varies from an invisible egg to half an inch long, never larger. It devours at least sixteen times its own weight every twenty-four hours, and grows with the rapidity of a campaign lie. It is the larva of a small dun colored moth which when resting on a leaf or rafter is perfectly triangular, the sides of which are a little less than half an inch. Why I describe this little pest at length is because I am glad to say he is by no means yet widely known and in several cities where I have inquired has not yet made his appearance.

J. P. G. says the maggot which is troubling his chrysanthemums "breeds and lives between the two surfaces of the leaves." The green worm we are fighting starts from the egg deposited on the under side of the leaf and eats the tissue clean away except the thin upper surface, "leaving large brown blotches," and of course much disfiguring the plant. We catch the moths by several devices and hand pick the plants to rid them of the worms, but on chrysanthemums, or for that matter on any plant, one teaspoonful of paris green in a pail of water syringed under the leaves will kill the worms. This should be done once a week, and if a little soap suds is added to each pail it will add greatly to the effectiveness of the paris green, because it will make it stick.

WM. SCOTT.

Early Autumn Decorations.

Golden rod abounds on the hills and in the vales and meadows green, and beautiful it is, too. Women weave 'round it strong webs of romantic sentiment, and why should they not, for is it not the last flower of summer, left to meet frost alone? It is safe to suggest its use in all autumn decorations, for no one will deny its beauty and appropriateness, and, apart from its associations, it furnishes splendid material for artistic work. Out in the swamps and along the lakes and rivers maples and dogwood and ampelopsis have already changed the colors of their foliage to the dazzling hues of autumnal glory.

Now, suppose we were a small country florist and the daughter of one of our rich customers was going to be married, and we got the job of decorating the house and the church for the event. We would first size up what material was available. Dahlias are in full glow; so are rudbeckias, cannas, salvias, hydrangeas, and many other pretty flowers, and, above all, golden rod and those beautiful pompon chrysanthemums. Then there are richly colored autumn leaves, bullrushes, eulalia grasses, and clematis and honeysuckle vines; in fact, there is an abundance of fine material everywhere. Suppose we take up the house first, because they always have so much cleaning to do, and besides, there's lots of impatience and nervousness to allay. We gather our stock together early in the morning, having each particular item neatly arranged by itself, and when we go to the house we proceed to put away our stuff neatly and in a manner to inspire confidence, always allowing our best material to show prominently.

Getting some old sheets, we spread them over the floor of what is to be the reception room and proceed to work. We will make an arbor over the large mirror where the newly-wed couple are to receive their friends. This we do by fixing good, large branches of well colored maples to the top of the mirror, the branches hanging straight over and the leaves being faced down. Attach to these long vines of brilliantly colored ampelopsis, and tie them back in curtain-like folds to the side of the mirror. It is very easy to make a lovely canopy of this. If you have no palms to finish off the bottom, get two umbrella stands and fill them with tall grasses or golden rod. We should confine our colors in this room to red leaves and yellow flowers, therefore we arrange a pretty frieze work or light, irregular garland of maple branches on the picture rod or close to the ceiling, all 'round the room. Here and there we hang a spray of vines to break the stiffness.

The mantel-mirror and doorway must be prettily trimmed, and don't be afraid to allow a few richly-colored vines to stray across the mirror or hang gracefully over a doorway. Put a vase of golden rod each side the mantel and in the center, with a long, drooping garland, a good cluster of Rudbeckia Golden Glow. Vases of yellow flowers can be arranged here and there to show to advantage, and at the last moment a few flowering vines of nasturtiums can be placed in prominent places.

The next room, or dining room, should be all in green and red, so as to be a contrast to the reception room. For greens we could use pretty oak branches and honeysuckle vines for the wall garland and doorways, and let the vines hang well down on white window curtains and over the archways, but they should not be in the way. Tie a good cluster of salvia here and there on the green garland, and put vases of red cactus dahlias and salvia where they will show up the best. If there are many rooms, we can treat one with pink, using variegated cornus and Eulalia japonica variegata for greenwork, and pink cactus dahlias and pink cannas or phlox for flowers.

We should endeavor to fix up a room with either red or yellow cannas and autumn leaves, for they make a glorious picture. We should not forget to make the hallway pretty. If it be dark, use yellow, and if light, use green and red. If you have not sufficient chrysanthemums with which to decorate the dinner tables, then use cannas, and keep the colors separate, that is, one kind in a vase, or one color on a table, and arrange them to contrast with each other. Put the flowers in vases, and if possible use a few sprays of Japanese maples on the cloth. A room can be decorated with Prunus pissardii and yellow flowers, and don't forget tamarix is fine for framework.

The entrance and hallway of the house should always be handsomely decorated, for first impressions are very important. Use plenty of autumn leaves and flowers; they cost but little; it is the arranging, principally, that enhances their value. Finish your work well, and, above all, be neat. You will not need a tool chest, with its sledgehammers and nails, to do these decorations—just a few tacks and some wire is all that is necessary,

and not a speck of damage should be seen when all is over.

Exercise your best judgment in decorating the church. Bunches of eulalias with the flower plumes on are fine to tie on top of the pillars and suspend from them long, well-made garlands of autumn leaves. Clematis paniculata vines or a nice branch of maple looks elegant hanging from gas fixtures, or over archways, and a little green or red foliage will make a fine effect on the window sides and sills. Bunches of golden rod and a few autumn leaves tied on every other pew-end down the center aisle will be grand. The altar should be all green and white. For this use grasses and hydrangea; and just to make some extra object of admiration, decorate the pulpit solidly with the reddest autumn leaves you can get, and in the center tie a good cluster of large yellow flowers. Don't put any red flowers in the church for this occasion; confine your colors to green, white and yellow, and use plenty of greens; they cost almost nothing.

Now about the bride's and bridesmaids' bouquets. A small, loose bunch of white chrysanthemums, with a few sprays of well colored Japanese maples intermixed, is the prettiest and most appropriate for the bride, and if there are flower girls or bridesmaids, have them carry the same kind of bunches, only in yellow, or a pretty arrangement can be made of leghorn sunbonnets trimmed with russet ribbon and filled with autumn leaves and pompon chrysanthemums, these to be carried on the left arm. Bridegroom and ushers must wear the same colored flowers as their companions.

Of course, these suggestions are offered to assist small florists who have very few or no palms. There are many occasions where the large city florists could use the same materials for elaborate decorations, as many people are justly tired of roses and smilax, and smilax and roses, which they get all the year round, and city people all the more appreciate the sweet vistas of the country.

New York Windows.

Seen at Small's, on Broadway. — A high-handled Marie Antoinette basket trimmed in cerise colored surah silk, high bow ribbon of same color; basket filled with the new Lilium speciosum opal. It was beautiful.

Another design at the same place and which attracted every eye on Broadway was another high-handled basket trimmed in old gold surah silk and high rosette bow of same color; basket filled with Tritoma Carolinianum. This basket set in a bed of ferns makes a grand window attraction.

At Scallen's we noticed some very pretty ericas, the first of the season.

Thorley had in his window a pretty wreath-like arrangement of Cattleya Labiata.

Miscellaneous Flowers.

A green vase filled with several hundred spikes of Salvia bonfire will attract any eye; it is very brilliant.

Cactus dahlias are "all the go" just now. They are cheap and fine for window decorations. They are also much used for table work; one old-rose colored variety makes the grandest effect.

Chrysanthemums are coming in, but we will treat on them later.

Bouvardia Humboldtii is one of the prettiest white flowers we have at present, and is useful for almost anything in cut flowers or funeral work.

IVERA.

Bulb Planting.

If your trade asks for any outside bulb planting for customers there is no immediate hurry to get them in the ground, but you should be prepared to supply them. From October 15 to November 15 is the best time to plant to expect the best results, although I have planted tulip and hyacinth beds much later than the latter date and had every reason to be satisfied. If we escape the early frosts of September the summer flowering plants look so well during October that there is no need of destroying them till frost has entirely spoilt their beauty.

There are just a few points to observe about planting: First, plant deep, whether it be tulip, hyacinth or narcissus, they should be 6 inches below the surface; they will be nearer the surface before spring. There is no need of covering till real winter sets in; 2 or 3 inches of litter from the stable is the best covering and that should be removed as soon as the frost is out of the ground in the spring. The covering is not to protect from frost as much as to obviate the effects of freezing and thawing, which we have in an open winter and often raises the bulbs very near the surface. If your customers are good ones and they believe you, advise them for their good as well as yours to plant thickly; tell them to plant the bulbs close enough. If too expensive shorten up the size of bed or border. Tulips one foot apart look as lonely as the proverbial boarding house soup oyster. Six inches apart is the right distance for any of these bulbs or at the most 8 inches.

Late tulips should not be recommended for flower beds, as they are scarcely cleared away in time for the summer plants, and then again the earlier there is a gay bed of flowers on the lawn the better pleased are your patrons. I don't know any better varieties for a handsome bed of tulips than the good sorts we grow for our cut flowers in winter. For Yellow, Yellow Prince and Chrysolora; scarlet, Waterloo equally well known as La Belle Alliance and Vermillion Brilliant; white La Reine and White Pottebakker; pink, Rose Grisdelin and Cottage Maid. Keizers Kroon is a grand striped tulip for beds with its showy colors of red and yellow and Joost Von Vondel is grand in size, but color not decided, cherry red and white. Proserpine is magnificent where its shade of color suits, Carmine pink. By referring to any Holland or seedsman's list you will see there is a great variety, but those mentioned are the cream. Don't make the mistake of planting hyacinths or narcissus Von Sion with the tulips, as they will be out of flower before the tulips are at their best.

Transplanting.

There is no better month in the whole year to transplant most of our useful herbaceous plants than the usually (with us) beautiful month of October. Paeonies, phlox, helianthus, delphiniums and almost all of this class can now be divided or transplanted, and allow me to say that these hardy perennials need a move occasionally; they get worn out, tired out and new soil does them much good. The useful and beautiful pyrethrum is an exception. Don't disturb it now or at least don't divide it late in the fall. Although not a seasonable hint, would like to say that many find a difficulty in getting up a good stock of the pyrethrum, which is by all means one of the best of our hardy flowers. Take cuttings in the spring before they throw up their flower shoots—you can get a few from every plant—root them as cool as possible and grow in pots in a frame till August, then plant them out.

Florists, especially those who grow

and retail in smaller cities, are expected to know all about trees, shrubs and when and how to plant them, and there is no reason why they should not know all the leading and best kinds as well as when, where and how to plant. Nearly all deciduous trees and shrubs can be transplanted in fall with perfect safety providing they were fit to be moved at any time. Too many of our nurserymen transplant less frequently than they should and when a young tree, shrub and particularly a conifer has been growing 5 or 6 years without a move the transplanting is difficult to do with success. Don't attempt to sell and plant in the fall any so-called evergreens, properly known as conifers, such as pines, spruces or junipers. Just say, "I assure you, sir, you will run a great risk if you transplant them now; wait till spring and then there is no risk. When the young growth is starting in May or end of August and beginning of September are the two seasons to transplant evergreens." Talk like that and you will not only gain the confidence of your patron, but incidentally tell the truth.

Chrysanthemums.

It is a very busy time with chrysanthemums, the way they are shoving out buds is terrific and to look at a bench to-day you would hardly believe that they were gone over but a few days since. Yet the aggregate of the cost of labor is not so great. You can disbud many hundred plants in a day and mind you do it. Tobacco smoke does the plants no harm, but it does the green, yellow and black aphis much harm, so it should be regularly applied.

The buds are all now selected, at least on the great majority of varieties, and now is the time feeding can begin in earnest. A compost of equal parts of loam and cow manure with a quart of bone flour to every bushel of the compost spread over the surface of bench to a depth of one inch will do much good if the bench soil is shallow, say 4 inches, but one-half an inch of rotten manure on the soil more as a mulch than a stimulant is better, and then depend on liquid manure. Few of us have the appliance to distribute the liquid as we do our city or cistern water through pipes, and to apply it from a barrel with the watering pot is laborious and expensive, yet if we will think back 35 years, or in many cases less, all the watering was done with the watering pot and surely once a week you can afford to give the plants, from which you expect fine flowers, a good feed.

Some authorities tell us that it is proper and essential that in feeding with liquid manure a change is necessary and draw a simile on the diet of beings of a higher organism, ourselves for instance. We don't believe in any such theory. The greatest race of men have lived largely on oatmeal. Another branch, physically the strongest in Europe, subsisted for centuries almost entirely on fish and potatoes. Fried oysters, pie, ice cream and cigarettes may produce precociousness, but are not essential for producing size and substance. I have never found any liquid from animal manure better than that made from putting about a bushel of cow manure in 50 gallons of water. The first drawing as you may call it will be strong and when using you can dilute it two-thirds. The next can be used pure and then you must brew again. All agree that when first beginning to apply it must neither be too strong or too frequent, but by the time the chrysanths show color they could be watered every time with liquid manure. An occasional, say 4 times from now till flowers are developed, watering with nitrate of soda will help to give color both to foliage and petal. One lb. to 30 gallons of water is strong enough.

Primroses.

Don't forget just now to shift your primulas into their flowering pots. Good plants deserve a good sized pot. They will take up no more room and the plant will be so much better. A 5-inch is the right size for a good primula and the difference in cost between that and a 4-inch is in the neighborhood of half a cent. It may make ten cents difference in price of plant when sold. Two-thirds of good light loam with one-third of thoroughly rotten cow manure is a fine compost for primroses.

Cytisus Racemosus.

If you grow Cytisus racemosus (we do because it sells well at Easter) you should not neglect to clip it every month or so. No plant will stand the shearing it does and without it, it is not such a salable plant.

To the small rose grower I cannot give better advice just now than say, don't shut up your houses at night. Keep a little fire heat and a little ventilation, and warm days as well as nights lots of air on, but don't neglect a little fire heat on all occasions when the thermometer goes below 50 degrees.

WILLIAM SCOTT.

EXPOSITION IN RUSSIA.

The Imperial Russian Horticultural Society will hold an international horticultural exposition at St. Petersburg in May, 1899. Privy Councilor Fischer von Waldheim, director of the imperial botanical garden at St. Petersburg, has charge of the foreign sections of the exposition, with the functions of president, and all inquiries relative to the exposition should be addressed to him.

KEOKUK, IA.—The flower parade, which took place here Sept. 7, was a decided success and given columns of description in the local press.

THE FLORISTS' REVIEW

G. L. GRANT, EDITOR AND MANAGER.

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NEW YORK.

Business Conditions.

The condition of business, and the prices of flowers are about the same as reported in last week's issue. Stores are becoming stocked with palms and ferns, and everybody seems ready for the rush. Flowers are improving somewhat in quality. Outdoor stock still hangs on. Tuberoses are coming in by the thousands. A good frost, which is nightly expected, will settle a lot of poor stock and leave the market open to roses and mums.

Commission stores are still springing into existence, though all the others are complaining. Howard Blauvelt will open up next door to Traendly & Schenck, on West 28th street.

Various Notes.

Old John Yetter, a well known flower vender, died Sept. 22. Yetter was one of the floral landmarks of New York. We remember him over twelve years ago when his shabby basket on the corner of 22nd street and Broadway held flowers that many a Broadway florist envied; he was famous in those days for Russian violets and afterwards red carnations; he was a good, inoffensive old soul and any florist was welcome to what he had.

A scientific expedition will shortly leave New York to study the botany of Porto Rico. It will be under the direction of Dr. N. Britton, director-in-chief of the New York Botanical Garden at Bronx Park. Cornelius Vanderbilt is supposed to be supporting the expedition. It is therefore expected that the New York gardens will be greatly enriched by interesting specimens of the flora of these islands, and for this, and the fact that New York will soon have the largest and most interesting botanical gardens on this continent, credit is due to Dr. Britton.

The auction sale of decorative plants at Julius Roehr's, Carlton Hill, N. J., Sept. 21st, was fairly successful; that is, medium stock sold fair, but there were scarcely enough buyers present to dispose of all the finer specimens; this was, we believe, owing to the fact

that it is a little early yet for the storemen to plunge on extra fine stock, and Mr. Roehrs seems to have enough of it to supply all New York.

Alfred Dimmock is here again and as usual has something good up his sleeve. This time we believe his specialty will be the grand new plant, Acalypha Sanderi. Too much cannot be said of this novelty. It's a good thing and we understand Mr. Dimmock has a well established lot of it to offer next month.

The Flower Show.

The American Institute flower show was open to the public at the Academy of Design, 23d street and 4th avenue, 8 p. m., Monday, Sept. 26, and will remain open for two weeks.

There is a wonderful display of dahlias at this show, and anyone interested in them should attend the exhibition. W. P. Peacock, Atco, N. J., has several hundred vases in as many varieties of dahlias embracing all sections. Wm. Turner, Tarrytown, N. Y., shows the best collection of greenhouse grown fruit ever seen in America; they comprise about 50 dishes of magnificent fruit.

Geo. Hall, James Dowlen and N. Butterback, all of Sea Bright, N. J., do themselves proud in the remarkably well grown plants, flowers, fruit and vegetables they show; they deserve great credit, especially Hale, for his splendid group of 40 varieties of fancy caladiums. Julius Roehrs, Carlton Hill, N. J., exhibits Acalypha Sanderi in bloom.

F. R. Pierson, Tarrytown, N. Y., shows fine decorative plants, cannas and dahlias. H. A. Dreer, Philadelphia, shows a superb collection of nymphaeas in tanks surrounded by ferns, and also a grand lot of Japanese trees. H. F. Burt, Taunton, Mass., fills several large tables with splendidly grown dahlias, and Parry, of Parry, N. J., exhibits a collection of nuts that make one hungry. L. Higgins, East Bridgewater, Mass., also shows grand dahlias in every class; as does Wm. C. Winter, of Mansfield, Mass.

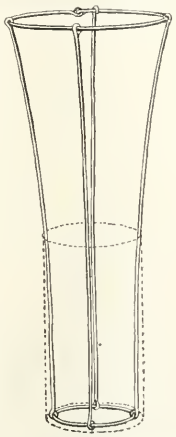
J. L. Childs, of Floral Park, N. Y., exhibits several hundred vases of herbaceous flowers and gladiolus, and A. Herrington, of Madison, N. J., simply astonishes one with his marvelous display of old-fashioned and rare flowers. Ellwanger & Barry, Rochester, N. Y., show 100 dishes of native grapes. The staging was not nearly finished on the opening night and we must leave a list of the awards and comments on the finest things until next issue. D.

PHILADELPHIA.

The Market.

It is a pleasure to write about the market once more, for now there is a market to write about. The week just ended showed a decided improvement over its predecessor, both in cut flowers and in plants. Cut flower prices were a little higher on some things; the most noticeable improvement was in the steadiness of the market and in the amount of business done. The very best Beauties, of which Edwin Lonsdale is sending in some, brought $2 a dozen. These were used principally for shipping orders. Good average flowers of the same variety brought $1.25 to $1.50. Brides and Maids are now nice, fair size, good color (on Maids), and stiff stems, and bring $2 to $4. You don't hear of so much cutting—like 75 buds for $1 cash—as a week ago.

Carnations are in brisk demand at or near $1 a hundred. Violets are beginning to appear and chrysanthemums are expected. The summer flowers are over. Dahlias are of some use. Cosmos will be welcomed in great numbers a little later.



For Long-Stemmed Flowers.

Decorative Plant Trade.

Business in decorative plants is most encouraging for this month. It is the general verdict that customers, while a trifle late in ordering, owing partly to the unusually hot weather early this month, are now buying with more freedom than last year.

William K. Harris finds business in this line showing an improvement of 20 per cent over last September. He says his orders are, as a rule, for the more expensive plants and that those persons who have visited his place seem very hopeful of a good season and show confidence in their buying.

Joseph Heacock has just begun offering his palms and already the stock is moving freely. There is no question that the stock of decorative plants offered for this market is exceptionally fine with prices about the same; in some cases a shade lower than last year.

Notes.

John J. McLean, for many years an assistant to George Craig, died on Monday. Mr. McLean's loss is sincerely mourned by his many business friends.

The dahlia meeting of the Penn. Horticultural Society was held on Tuesday and Wednesday. As at the show in Germantown the week before, these flowers were disappointing: W. P. Peacock of Atco, N. J., who might be termed the "Dahlia King," made a good exhibit. The H. A. Dreer Company brought and filled a water lily tank. Everything considered, the show was gratifying.

The monthly handicap tourney of the Trapshooters' League was held at Conshohocken on Saturday. The Florists' Gun Club tied for second place, nine clubs competing. Score: Anderson, 18; Ball, 20; Burton, 25; Cartledge, 21; Park, 24; Smith, 15—123. John Burton won the Peter's trophy.

Perhaps we are all sport mad. But, are we not following your example, Mr. Scott? And does not each one work all the better for a bit of good, honest sport? J. W. Y.

FOR LONG-STEMMED FLOWERS.

The accompanying engraving shows a wire support used by Kennicott Bros. Co., wholesale commission florists, Chicago, in jars of long-stemmed flowers. They are found very desirable in not only economizing space in the cold storage room but in lessening the liability of injury to the flowers when handling the jar. The support can be used in various sizes of jars and is inexpensive.

BUFFALO.

The home coming of the soldiers and the home coming of those who were fortunate enough to be away at the mountains and sea shore, as well as those who pulled down their front blinds and lived in the back part of the house, supposedly at Breakers Bend, have all helped to awaken business considerably. Flowers are none too plentiful. There is good demand or at least signs of good call for palms, rubbers, etc., for the house. This is a healthy, satisfactory business and shows the ever increasing demand for this very proper kind of room decoration. I have often thought what a great boon the illustrated society jokes in our comic and other papers were to the florist. Whenever a noble Lady gets off a joke on my noble Lord there is sure to be a spreading latania on the sideboard, in fact next to the supposed wit it is the most conspicuous feature and doubtless helps greatly to impress on all classes that a palm in the room is an essential.

Violets are being asked for and can soon be supplied. Carnations are so different now from what they will be in two months that we look forward to the advent of the noble chrysanth.

for he is gorgeous when he comes, even if he does receive the abuse of the rose specialist.

After several broken promises we found ourselves yesterday morning at the beautiful and interesting home of Mr. George Urban, at Pine Ridge, Erie county. Nearly a score of the best known florists of the country will remember this comfortable and homelike place. They will recall the little pond on which Dan Farson and W. A. Manda tried to steer a heavyweight canoe, and the rustic summer house where many an illustrious man has received the advice of his friends. I can't remember all the boys who heard the inimitable stories of Mr. Urban on that August evening in '89, but I know the heavyweights like Michael Norton and Edwin Lonsdale were represented; that it sadly upset the usually efficient capabilities of one member from officiating as a baseball umpire we have received countless reminders. Mr. Urban is nothing short of a wonderful man. Besides being the proprietor of a vast mill where the staff of life is ground out and helping along every great enterprise in town, he can talk so thoroughly and entertainingly of fruits, vegetables, herbs, flowers, trees—from the majestic oak to the spicy tarragon—that you wonder how he ever found time to notice it all, and then you have only begun to skirmish around the frills of his knowledge; steam and hot water heating, electricity, hydraulics, politics, pomology, tomatoes and theology are all equally grasped and mastered by his broad mind.

By his good nature we enjoyed a ride behind a team that goes faster than we care to ride except when drawn by a locomotive, and the first call was at the new establishment of Baumer Bros., also on the Ridge road. Geo. Baumer was over 20 years gardener for Mr. Urban, but is still a young man. They have just completed two more houses, making a well built, well heated and well arranged establishment of five houses, all now filled with carnations and one house of roses, but I could see they expect to do a heavy plant trade in the spring. A stall in the market is the outlet. With their own ten acres of good land, their good start and great industry, nothing but success awaits them.

Then the high strung team of bays pulled us at a 2:15 gait within a few yards of the big arena where Corbett and McCoy will fight (?). There on the Lancaster road, Chautauqua, is the thrifty establishment of Messrs. Schwert & Berner. They are very prosperous men and the produce of their establishment cuts a big figure in our flower market. Several houses of carnations looked well and other houses were filled with flowering begonias, primroses, cyclamens, pot chrysanthemums and other crops which will be cleaned out in time for their large stock of bedding plants to develop. As they turn out 20,000 geraniums in 4-inch pots they need room; three or four acres of good land devoted to summer flowers keeps them out of mischief. One more word about these boys. They have several cast iron boilers standing under a shed. There was no sign "For Sale," but in their various shapes and rustiness looked awfully forlorn. In their place they have put a tubular marine boiler which does the whole business, and we really think they will by the change save several hundred dollars in fuel and many dollars in overtime labor.

W. S.

CHICAGO.

The Market.

There seems no material change from last week except that the lower grades of stock are a trifle easier in price, good stock holding up well to last week's figures as a general rule. There is a good supply in the market, but demand is holding up fairly well on the average, though there are occasional weak spots. Good carnations have been scarce at times, though there is generally an abundance of lower grade stuff. Good Maids have been a little short at times, while there has at no time been enough first-class Beauties. The dealers generally take an encouraging view of the situation, though prices are not up to the level they ought to be.

Club Meeting.

The next meeting of the Florists' Club will be held Friday evening, October 7. At this meeting Mr. E. Buettner will tell the members of the interesting things he saw while on his recent European trip.

After the adjournment of the regular meeting those interested in bowling will have a meeting and take steps to organize a regular bowling club, with a full staff of officers, by-laws, etc.

Various Notes.

The auction sale of plants from Siebrecht & Son at 114 Wabash avenue last Monday brought out a good crowd of florists. John P. Cleary, the New York plant auctioneer, was on hand and kept the stock moving. But he could stay only the one day and when evening came only about half had been sold. The remainder is being offered at private sale and each afternoon J. Austin Shaw and John Thorpe are taking turns at auctioneering. The sale will continue the remainder of this week.

We deeply regret having to announce that the little daughter of Mr. George Stollery passed away the night of September 21, aged 2 years and 8 months. Inflammation of the bowels was the cause of death. Mr. Stollery has the sincere sympathy of many friends in his sad bereavement. The funeral was held last Friday and was attended by many of the trade. The floral arrangements sent by friends were numerous.

F. W. Sowby, formerly in business in Muscatine, Ia., and who was in the city with the view of renting greenhouses here, was run into by a heavy wagon while on the street last week and as a result is now in the county hospital. Several ribs are broken and he is apt to be confined to the hospital for some time.

Bassett & Washburn are cutting some fine fancy carnations from under glass which sell as high as $2 and $3 per hundred, though common stuff ranges from 50 cents to $1. They are now beginning to cut from their house of mignonette.

Mrs. F. Hills has resumed business and is now at E. H. Hunt's.

Recent visitors: J. G. Heinl, Terre Haute, Ind.; W. H. Ellis, Milwaukee.

E. H. Hunt has returned to the city and is looking well and hearty.

Bowling.

Following are the scores and averages made at the alleys last Friday evening:

	1st.	2d.	3rd.	4th.	5th.	Av.
G. L. Grant	169	131	151	172	...	155
Robt. Schenk	132	146	150	...	...	142
E. F. Winterson	129	115	148	166	...	140
Jno. Degnan	151	151	123	127	...	138
J. S. Wilson	160	139	117	118	148	136
C. S. Stewart	136	140	101	...	...	125
J. Austin Shaw	82	121	144	...	...	115
A. Lange	113	96	121	...	...	108
A. Henderson	99	99	126	...	...	108

ST. LOUIS.

The Market.

The dry spell has at last been broken by a few days of rain. The warm weather of the past week slackened up trade somewhat and nothing can be looked for in the way of good, steady trade until cooler weather prevails. The demand for a better quality of stock is now firmly on and should cooler weather come this week the retailer will be forced to carry a much larger supply, something he has not thought of doing for months past.

There is hardly a scarcity of any kind of flower just now; plenty of roses of all varieties and all of fair quality, with prices as follows: Beauty, 75 cents to $2 per dozen; Meteors, Brides and Maids, $2 to $4 per 100; Perles and Woottons, $2. All of these roses are plentiful except Meteors. First-class Meteors sell clean every day, with hardly enough to go around.

Carnations are also looking better each day and are in good demand. Price on them remains $1, some extra good ones going for $1.50. Tuberose spikes have gone up to $4 for Armstrong's ever blooming; the others sell for $3. Asters are about done and only a few came in that sell at 40 and 50 cents per hundred. Smilax sells at 10 to 15 cents per string. Chrysanthemum blooms will soon be in and then as usual the bottom will drop out of the market in roses and carnations. This is the cry of the growers at this time of the year.

Exhibition Matters.

Chrysanthemum show matters are progressing satisfactorily. The executive committee meets every Wednesday night until the opening of the show. At the meeting last week it was decided to print the second preliminary list, which will be out by the end of the week, to be sent among the growers. The committee was obliged to do this, as a great number of additional prizes came in since the first one was printed.

The final list or program will be in shape and go to press by the first of next week and be out for distribution by October 22. The committee also decided to judge all plants, table decorations, cut flowers and designs by points, which will be more satisfactory to all.

We hope that this year all florists in the city will give us a helping hand and try and make this show a grand success, as the men who have the real work in hand of running the show are always glad to consider any suggestion that may be made, and if they will only pull together as one we can make this a grand success which will benefit us all in a business way.

Notes.

Ex-President Halstedt, of the Florist Club, is president of the Belleville Street Fair, which will open in about two weeks.

The St. Louis fair opens October 3 for one week and has offered as usual about $300 in premiums for plants, cut flowers and designs, and quite a number of florists will enter for competition.

Henry Aue, Theo. Richter, Max Herzog, A. Berdan and the Ude Bros. are sending in some very good stock of all kinds that is fully up to the mark. Fred Ammann and E. W. Guy may also be included in the above.

Ellison & Tesson had a large decoration at the Southern hotel which was quite an affair and required a lot of work.

C. Young & Sons Co. are now sending out their fall catalogue, which is larger than usual and quite attractive.

Mr. Robert Ayers is seen occasionally at the wholesale houses looking like a fish out of water. It is said that Mr. and Mrs. Ayers will soon open up business again on Grand avenue, near Morgan.

Miss Atkinson, who bought out the Ayers Floral Co., on Easton avenue, reports business has been good and hopes it will continue so.

Gus Eggeling, the South Grand avenue florist, has just completed his large rose house, 100x20. This makes seven houses that Gus has built in the last three years.

Billy Adles, who for many years was with the Ayers Floral Co., is now with C. Schonelle, on Washington avenue.

The Jordan Floral Co. made a large design in the shape of a keg of beer last week. John Kunz could not resist the temptation. He made it himself.

Bowling.

The bowlers got much amusement out of the postscript by Bro. Scott in the last issue of The Review. I will say that the St. Louis team will also roll an average of 200 per man at Detroit next year, but bowling suits and shoes or sneakers we will leave to the Philadelphia boys. I hope that Sir William don't blame us for having forced them to bowl regularly each week. If Buffalo brings a team of Scotts and Kastings they will win the cup without a struggle. The cry next year will be anything to beat Philadelphia and St. Louis—see if it isn't.

The Bowling Club held a meeting after the second game on Monday night and decided to remain at our old location at 6th and Pine and roll on its regulation alleys. This will be good news to all who like to improve in their rolling. The vote stood 7 to 3 in favor of the regulation alleys. After this we adjourned to roll the third game. John Kunz wins the average medal and Beneke the high score medal for the September series which resulted as follows:

Names—	No. Games.	Tot.	Av.	H. S.
J. Kunz	12	1888	157	191
C. Sanders	10	1556	155	170
J. Beneke	13	1953	150	224
C. Kuehn	13	1906	146	171
R. Tesson	6	852	142½	191
J. Young	8	1075	134	152
F. Fillmore	13	1238	118	153

J. J. B.

CLEVELAND.

The Market.

Cut flower trade is still improving and stock is hardly sufficient to supply the demand, especially good stock. Roses and carnations are the only flowers displayed in the florists' stores. Carnations are coming in much improved; some extra fine white (Flora Hill) were to be seen on the avenue. The first chrysanthemums made their debut Saturday. Violets were seen for the first time Monday, of the California variety. Gladiolus are very poor. Dahlias are in their prime. There was a scarcity of flowers Saturday.

An Elaborate Funeral.

The funeral of Col. Wm. Edwards, one of Cleveland's most prominent citizens, was one of the largest seen in Cleveland in many years. The estimated cost of the floral offerings was $2,000. Every florist in the city was busy. One store alone had $700 worth of work. Some of the handsomest pieces sent are described below:

A beautiful waving American flag, by Gasser, with regulation stripes and stars made of red and white carnations, blue field of larkspur with white carnations, cut star shape; it was admired by everyone. A handsome roll of honor made by C. Wagoner stood 5 feet; it was solid white carnations, with the word honor worked in red carnations. The side was of Bridesmaid roses and a large cluster of Kaiserin roses. A large bow of white ribbon tied the two rolls. Valley was used freely. A road cart was made by Beaumont, sent by the Driving Association of Cleveland.

One of the most artistic designs seen was an Empire wreath made of different varieties of fancy ferns and topped with adiantum with a large cluster of cattleyas at the widest part of the wreath. There were wreaths, crosses and designs of every description.

Various Notes.

Mr. J. M. Gasser is on a business trip in Michigan, stopping at Detroit and Grand Rapids.

Miss Vida McCullough has returned from New York.

Paul Berkowitz, of Philadelphia, Pa., was a visitor this week.

Election of Officers.

The Florists' Club held a meeting Monday evening and elected the following officers: Pres., E. H. Cushman; 1st vice pres., Samuel Pentecost; 2nd vice pres., James Eadie; secy., A. H. Graham; asst. secy., Ogdon Gaul; treas., Herman Hart.

Sam Pentecost was appointed captain of the Bowling team. The president will appoint an executive committee at the next meeting.

O. A. C. O.

ST. PAUL, MINN.

The cooler weather has brought a decided improvement in trade. The drought assisted by a light frost has killed nearly all outside stock, and the return of flower buyers to the city has made a good demand for all inside stock. The call for funeral flowers, always good, is more brisk than ever and some days white flowers of every description have been hard to secure at any figure.

Stock is looking good and never have I noted better roses, mums, carnations and violets than are to be seen on a trip to the growers' places at this time. Roses are in most demand, with the supply about equal to the call. Carnations come next with a short supply, especially of white. The new varieties, Flora Hill, Triumph and Bon Ton, are showing fine in this locality and are very welcome additions to this popular family. Roses are selling at from $2 to $3 per hundred, some very good Meteors going to $4 and $5. Beauties are $8 to $20, according to size. Carnations are held at $1.50 to $2. Mums are not yet in the market, though some of the growers have Fitzwigram ready to cut. Carnations and violets are about all housed.

At a recent wedding of one of Minneapolis' fair ladies the bridal bouquet consisted of twenty dozen choice Kaiserin. The house decorations, as described by a daily paper, were on the most elaborate scale ever noted in this section. Several hundred strings of smilax and asparagus, eight thousand asters, bushels of Golden Rod and hun-

dreds of American Beauties, together with thousands of roses, carnations and smaller flowers, were used. Mendenhall was in charge of the decorations while the Smith Floral Co. furnished the bouquets.

John Vasatka, doing business for several years in Minneapolis, has sold his houses and will study medicine.

At our recent state fair the display of potted plants, etc., was the largest for many years. Those exhibiting were R. J. Mendenhall, J. Hartman and J. Vasatka, of Minneapolis, and J. Fleischer & Son and Otto Hieserkorn, of St. Paul.

L. L. May & Co. are building a new cool house, 12x140 feet, for bulbs, azaleas, etc., for Easter flowering. The Harrisii received this season, though extra fine looking bulbs, are showing signs of disease as the leaves begin to expand.

S. B. Dicks and J. Comont, of London, England, and Paul Berkowitz, of Philadelphia, were recent callers.

J. A. May is slowly recovering from a bicycle accident.

Carl Johnson had a head end collision with a team while riding home on his wheel and will be laid up for a couple of weeks.

Gus Gauly, formerly conducting a small flower stand in this city, was killed by the cars in Minneapolis some three weeks since. X. Y. Z.

BUFFALO, N. Y.

The Review is so well informed from the Bison City that I can send but a few notes taken on the fly.

W. J. Palmer & Son have finished building at Lancaster and completed the changes to the city store, which is now one of the finest in town.

Neubeck & Myers have touched up their recent acquisition and look spick and span.

Rebstock, Anderson and Adams had appropriate window decorations in honor of the return of the 65th regiment.

W. Scott makes a great display in his window down town of gladioli grown at Corfu, where carnations and violets are very promising. That worthy gentleman was very busy when I called penning his well-known and weekly looked for "Seasonable Hints." He paused long enough to relate an amusing story of a fellow craftsman who was beguiled by a smooth-tongued drummer to purchase some Cocos Wedeliana from seed pots, guaranteed to stand division. Now it is generally known this palm has a most sensitive root and to divide beyond a certain stage is fatal. Our friend lost the whole lot and is now a wiser man. This reminds me of an instance I saw out west not long since where an experiment was being tried of mossing a batch of araucarias, and this upon the advice of one of our well-posted (?) eastern men. We all have a few wrinkles yet to learn. W. M.

Telephone 1496

A. L. RANDALL

4 Washington Street, Chicago.

Roses and Carnations... .....Our Specialties.

Wholesale Florist

We are receiving the cut of

AMERICAN BEAUTIES and METEORS

from a large amount of new glass and can assure the best stock for regular shipping orders. . . . Do not fail to write us before placing your orders, and please mention the Florists' Review when you write. We can supply anything to be had in the Chicago market.

Store open till 7 P. M. Sundays till 12 noon.

Florists' Supplies Furnished at Lowest Prices.

SAN FRANCISCO, CAL.—The California State Floral Society celebrated its tenth anniversary Sept. 2. During the ten years premiums amounting to $4,300 have been paid from the society's funds and 120 lectures have been delivered. At the last meeting the discourse was on "Perfumes and their origin."

WANT ADVERTISEMENTS.

SITUATION WANTED—As foreman, by a first class grower of roses and cut flowers; only a first class place wanted; good wages expected; best of references; open for an engagement now or any time later. Address Grower, care of Florists' Review.

SITUATION WANTED—In private or commercial greenhouses, by young man; four years' experience. Address R., care of box 38, Lenox, Mass.

SITUATION WANTED—By competent man with 22 years' experience, position as foreman in good establishment. Address Alex, care of Florists' Review.

PARTNER WANTED—For florist store, with 5000 feet of glass adjoining; well established business; best location in Chicago. Houses well stocked and everything in first class condition. Under the most favorable terms. For reliable florist with capital a good chance to invest. Address Chicago, care Florists' Review

WANTED—A young man who has had some experience in greenhouse work, growing roses, etc. References required. Call at once. Paul Kreismann, 27 Market Street, Chicago.

FOR SALE—A Bargain—Three greenhouses, 3,700 feet of glass, with office, city water, telephone; centrally located in city of over 6,000 inhabitants; well stocked with roses, carnations, mums and pot plants; doing a paying business; immediate possession given. Address H. D. Caldwell & Co., Paris, Ill.

FOR SALE—Second-hand Devine hot water boiler, 9 feet long, 23 flues; will sell cheap for cash. Address A. Peterson, Oak Park, Ill.

SITUATION WANTED—By a middle-aged Danish gardener (single), in greenhouse or nursery. Address D., care Florists' Review.

SITUATION WANTED—As foreman or grower in good sized place; 15 years experience in every line of the trade; roses and carnations a specialty, including Am. Beauties; age, 30 years and married; best of references. Address S. S., care Florists' Review.

FOR SALE OR RENT—Two first-class greenhouses, 2,784 feet of glass; newly built; hot water heating with Hitching boiler; good stock of roses, mums and pot plants; establishment 4 blocks from the courthouse in a town of 9,000 population; a good bargain for the right man; reason for selling, failing health. Address V. Z. D., care Florists' Review.

WANTED—A man that is capable of taking charge of 100,000 feet of glass, growing tea roses. Must be No. 1 in growing. Good wages and steady employment. Bassett & Washburn, Hinsdale, Ill.

TO RENT—To reliable party, 11 greenhouses, 16000 feet of glass, store, 7-room house and barn. Business established 15 years, rebuilt last year. Finest location in Chicago. Or will sell the greenhouses; cause, poor health. Garfield Park Floral Co., 1688 West Madison Street, Mrs. Decker, proprietor.

FOR SALE—Four greenhouses, nearly new. Good retail stand. A. CLAUS, Springfield, Ill.

FOR RENT OR SALE—First class retail stand. 5,000 feet of glass. New. In city. Ought to net good man at least $3.00 per day. Must buy stock, about $500.00. Reason for selling, failing health. Address "Illinois," care Florists' Review.

SITUATION WANTED—By expert grower of plants and cut flowers. Competent in every department. Seeks a situation where he may have a chance to make his services worth more than in his present place. Can surely advance his employer's interests if given suitable opportunity. Address S. D., care Florists' Review, Chicago.

WANTED—Young man as assistant in retail florist store. Must have a general knowledge of the florist business. Address, with references, H. F. Halle, 548 West Madison Street, Chicago, Ill.

Wanted To buy a good second-hand hot water boiler, capable of heating about 1000 feet of 4-inch pipe. Apply, stating price,

JAMES MORTON, Clarksville, Tenn.

WANTED FOR CASH.

Palm Seedlings or Young Palms — 4000 Kentias, 5000 Arecas, 1000 Pandanus Utilis 100 Veitchii. Address Palms, care Florists' Review

The Chicago Auction Sale of Plants

AT 114 WABASH AVENUE

Was a big success, but there was too much stock to close out in a day, so every day until all is sold the Florists can get what they want at wholesale, or what they want **AT AUCTION,** and at their own price, from 1 to 3 o'clock every afternoon.

With John Thorpe and J. Austin Shaw on the rostrum there should be a large attendance, and as the stock is fine, there should be none of it left by Saturday evening.

BOSTON.

Review of the Market.

The week just passed has been a very fair one for the growers, as most everything outside of roses is not over plenty and very quickly taken by the retailers, who are still busy with funeral work and eagerly looking forward to the time when the weather will drive all the good flower buyers back to their city homes.

Roses are very plenty, and with the advent of cooler weather the quality is very much improved. Brides and Maids sell at anywhere from $2 to $4 per hundred, while high grade Kaiserins will still bring $8, and inferior grades sell with Brides. Meteors average about $5, while Beauties are more plentiful, but sell much slower than they have been doing. Prices range from 75 cents to $2.50 per dozen.

Carnations are in sufficient quantity to supply the demand. Mrs. Fisher, cut out of doors, is the predominating variety and is selling from 50 cents to $1 per hundred. Colored varieties are becoming more plentiful and improving in quality and sell from $1.50 for Scotts to $2.50 for Daybreaks. Fancies are not yet in.

The aster crop is about done. What few that came in on Saturday were eagerly sought after and as high as $3 was paid for some light pink and white Semple's. Valley is plenty at from $3 to $4; gladiolus and tuberoses, 50 cents per dozen stalks. Odds and ends sell well put up in 25-cent bunches.

News Items.

Oakes Ames was awarded a silver medal for a plant of Acalypha Hispida and a certificate of honorable mention for Cypripedium Aspasia.

Ned Hatch had a sale of palms from Dreyer, Woodside, L. I., and realized good prices.

McCarthy is still selling fine stock from local growers, including some very fine Boston Ferns.

There is quite a call for Daybreak pink plants, this variety being somewhat of a failure in this locality.

Judge Hoitt, of Nashua, was in town on Saturday, as was C. F. Gibbs, of St. Johnsbury, Vt.

Dr. Campbell, of Manchester, N. H., and William Appleton, of Providence, were also visitors to the "Hub" during the week.

The Welch Bros. are fitting up a large room over their store, and will carry a full line of supplies.

TACOMA, WASH.—A "Chrysanthemum Carnival" will be held here next November. There will be a queen of the carnival and she will have at least a hundred maids of honor. The carnival will continue for a week and chrysanthemum flowers will be used in a great number of different forms of decoration. The leading society ladies are taking a great interest in the matter.

ARAUCARIA EXCELSA (Norfolk Island Pine)

WE HAVE an unusually large stock of fine plants of this beautiful decorative plant, especially of the small and medium sizes, for which the demand is always certain.

4-in. pots, 6 to 8-in. high, 2 to 3 tiers, each, $0.60
5 " 10 to 12 " " 3 " " " 1.00
5-in. pots, 15-in. high, 3 to 4 tiers, each... $1.25
6 " 18 " " 4 to 5 " " 1.50

ARAUCARIA EXCELSA GLAUCA.

5-inch pots, 3 inches high, 2 tiers .... each, $1.00
6 " 12 to 15 " " 3 " ..... " 1.50

ARAUCARIA ROBUSTA COMPACTA.

The finest lot of this grand variety we have ever been able to offer.

6-in. pots, 10 to 12-in. high, 3 tiers.. each, $1.50
6 " 12 to 14 " " 3 " ..... " 1.75
7-in. pots, 15 to 16-in. high, 3 tiers..each, $2.00
7 " 16 to 18 " " 3 to 4 " " " 2.50

CYCAS REVOLUTA (SAGO PALM.)

We have a large stock of Cycas, especially in medium sized plants, suitable for retailing for house decoration. All of these sizes are in very good condition and we are certain will give entire satisfaction.

Stems		LEAVES.	INS. LONG.	EACH
3 to 4-in. high,		6 to 8	12 to 15	$1.00
" 4 to 5	"	8 to 10	18 to 20	1.50
" 5	"	12 to 15	18 to 20	2.00
" 6	"	12 to 15	20 to 24	2.50
" 6	"	15 to 18	22 to 26	3.00

Stems		LEAVES.	INS. LONG.	EACH
8-in. high,		18 to 20	24 to 26	$4.00
" 8	"	20 to 25	24 to 28	5.00
" 12	"	25 to 30	24 to 28	7.50
" 12	"	25 to 30	30 to 36	10.00

FICUS ELASTICA (RUBBER PLANT.) FINE STOCK.

4-inch pots, 10 to 12 inches high.. per dozen, $4.50; per 100, $35.00
5 " 15 " " " 6.00; " 50.00
6 " 18 to 24 " " " 9.00; " 70.00

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Others have attempted to follow where we lead, others are trying to reap what we sowed, but we have the experience and are recognized as experts in greenhouse construction.

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WASHINGTON.

Business for the past week shows a considerable gain over the week before, and prices are somewhat stiffer.

The store of J. L. Loose came near being destroyed by fire last week. There was a very large fire across the street and the front of Mr. Loose's store was badly scorched and his stock drenched with water. Loss about $3,000, covered by insurance.

A. Gude & Bro. are having their store newly painted and refitted, and a handsome new ice box put in, making their store one of the handsomest in the city.

The most noted work of the week was the elaborate decoration of the National Rifles' Armory with palms and flowers for the convention of the Order of the Eastern Star. It was magnificently done.

John Robertson, formerly of the Agricultural Gardens, has bought the store of J. D. Davidson at 1108 Connecticut ave. Mr. Davidson has embarked in the wholesale carnation business. He is very popular with the craft and has the best wishes of all for success.

W. R. Smith has fully recovered and can now be seen at his post of duty.

F. H. KRAMER.

TORONTO.

Two small sub-tropical beds at Queen's Park this summer are worthy of notice. They were composed of a few nice plants of phoenix and latania planted alternately with Acalyphas discolor and marginata, Alternanthera aureum being used for the ground work. The color of the acalyphas was most pleasing and restful to the eye. At this season of the year the beds of geraniums and coleus begin to look ragged, but the sub-tropical beds noted will continue in fine shape till Jack Frost puts in an appearance.

From what I can learn there is likely to be keen competition in the amateur class at the coming Chrysanthemum Show, as many of the amateurs are trying their hand at chrysanthemum growing and with great success.

E. F. C.

NEW BEDFORD, MASS.

The annual exhibition of the New Bedford Gardeners' and Florists' Club will be held November 3 to 5 next. The premium list has been issued and copies may be had by addressing the secretary, Mr. Peter Murray, Box 104, Fairhaven, Mass.

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Full Line of Wire Work.
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Five Samples 5c in stamps. Twenty-five Samples, 20c.

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It will tell you just what you want to know in just the way you want to be told.

It will cover the whole field of Commercial Floriculture, the articles arranged alphabetically, so that reference may be quick and easy.

It will be a whole library in itself.

Price, $5.00.

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EXTRA HEAVY CLEAN ...STOCK...

Kentia Belmoreana

6-in., 5 to 7 leaves, $15.00 to $24.00 per dozen.
5-in., 5 to 6 leaves, $12.00 per dozen.

Kentia Forsteriana

6-in., 5 to 6 leaves, $12.00 to $18.00 per dozen
5-in., 4 to 5 leaves, $ 9.00 to $12.00 per dozen.

Field-Grown Carnations

A fine lot will be ready for Sept. delivery.

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HARDY CUT FERNS.

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Extra Selected Bulbs, $4.50 per 1,000, 5,000 for $20.00

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New Crop SMILAX SEED, 25c per ounce, $2.50 per lb.

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CINCINNATI.

The Market.

Business was quite satisfactory last week, the demand and supply being about equal. Fall openings, Jewish New Year's, funerals and the 33d-degree Masons kept things moving quite lively for several days. Business seems to have dropped back into the same old rut again this week and the ice boxes are taxed to their utmost capacity.

Very few first class roses are to be had just now. The stems are poor on the young stock and the cut from plants held over is badly affected with mildew. Carnations are becoming more plentiful and the quality is excellent for this season of the year.

Mums have made their appearance in limited quantities. The first ones are always nailed with delight, but we get good and tired of them before the season is over. Tuberoses and asters are about done for. Violets of an inferior quality are to be seen here and there. What plants I have seen are looking fine and if all goes well we will have violets in great plenty this winter.

Notes.

B. P. Critchell's Scus decorated the steamer Island Queen for the Masonic excursion last week, using several hundred Beauties and quite a few other flowers in the job.

Recent callers: H. Heller, New Castle, Ind., and Theo. Bock, Hamilton, O. The latter has become a regular visitor on Saturdays.

A. Sunderbruch's Sons and J. A. Peterson have had several large plant decorations lately, with more booked for the near future.

Julius Baer was rushed with orders on Jewish New Year's. He had a sign on the door, "Closed on account of holiday," but he was in there hustling out orders just the same. B.

HUNT'S REVIEW OF THE CHICAGO MARKET.

Last week was in a measure disappointing, in failing to come up to the preceding week. A gradual decline in prices and weakening in demand was decidedly noticeable. The amount of stock sent in probably varied but little from the week before and no great change in the quality, the whole trouble being apparently due to an off week among the retailers.

Roses and carnations continue to improve, though most of the former are "first crop," which, under the most favorable circumstances, would never equal those that come later. A rainy day played mischief with some of the outdoor carnations, which for a few days looked rather rusty, but so many are now being cut from the housed stock that there was no scarcity.

The present week is opening fairly well, all good, clean stock being cleared off at fair average prices and we are hoping the fall trade is on.

Chicago, Sept. 27, '98.

CHARLESTON, S. C.—The News and Courier of September 17 prints an extended description of the various florists' establishments in this city, paying special attention to those of J. M. Connelley, Richard Plenge, Mrs. John Grey and J. J. & P. S. Noisette.

SAMUEL S. PENNOCK,
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NEPHROLEPIS EXALTATA BOSTONIENSIS.
I have three houses, 2,000 specimen plants. Spread 6 to 8 feet on bench. Suitable for 8 and 10 inch pots. Beautiful plants, now ready at 50c, 75c, $1.00 and $1.50 each. Would cost you three times as much if in pots. Can be shipped safely now by freight at low cost. Have shipped to California, 21 days, in good order. I want some of the Western Trade. Have shipped 100,000 the past two years without complaint. Let me have an order from you. Also two houses, 5,000 plants, ready in October, at 20c for 5-inch, 25c for 6-inch pots, cut from bench.
Ficus Elastica, $4.00 to $9.00 per dozen.
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We offer either, carriage paid to any point in U. S. and Canada, 10 seeds, 65c; 100, $1.00; 1000, $8.00.

		100	1000
Freesia,	⅜–½ Cal. grown, delivered, pure white flowers	$ .50	$3.50
		.60	4.00
Calla Ethiopia,	3-5-inch	4.50	40.00
	4-6 "	6.00	55.00
	5-7 "	8.00	75.00
Lil. Harrissi,	5-7-inch	4.00	37.00

5 per cent. discount for cash.
All other seasonable Bulbs and Seeds in stock or to arrive.
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" medium	"	1.00
" short	"	50— .75
Brides	per 100.	3.00—4.00
Kaiserin	"	4.00—5.00
Maids	"	3.00—4.00
Meteors	"	3.00—4.00
Perles	"	2.00—3.00
Our selection	"	2.00

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Selected Stock	per 100.	$1.00—1.50
Good	"	.75—1.00

GREENS.

Asparagus	per string.	$ .50
Ferns—Adiantum	per 100.	.75
Common Fancy	per 1,000.	1.50
Smilax	per doz.	1.25—1.50

Wild Smilax, can supply on 4 days' notice. Large case $8.00. Medium 5.50. Parlor Brand 3.75.

Galax Leaves, green, $2.00 per 1000.

MISCELLANEOUS.

Alyssum	per doz.	$0.15
Callas	"	1.00—1.50
Auratums	"	1.00—1.25
Valley	per 100.	5.00
Gladiolus Stalks	"	2.00—3.00
Tuberose "	"	6.00
Hydrangea " (fine)	"	4.00—8.00
Ivy Leaves	"	.60
Asters, smaller, but still fair	"	.50—1.25

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Cyclamen Persicum in four colors, fine plants, 4-in., per 100, $12.50. **Roses**—Souv. de Wootton and Bougere, 4-inch, per 100, $5.00. **Field Grown Carnations,** Jubilee, Armazindy, Mayor Pingree, per 100, $7.00. Alaska, McGowan, Kohinoor, Daybreak, Rose Queen, Scott, Dorner and W. D. Sloane, per 100, $5.00. Cash with order.

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Fully equal to those sent out the last six years, first-class and perfectly healthy in every respect. Only selected growth from flowering shoots used in propagating.

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3-inch pots, $6.00 per 100; 4-inch pots, $8.00 per 100

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Sphagnum Moss First quality, 85c per bale, 10 bales $6.00.

Peat $1.20 per bale, quality A No. 1.

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Dracæna Indivisa,

Strong, full grown plants, 2 yrs. old, $10.00 per 100

SMILAX, Strong, 3-inch, $2.50 per 100

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PEDESTAL GROWN.

7-inch, $1.50 each.
8-inch, $2.00 each.
Also larger specimens.

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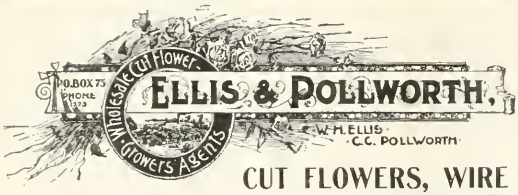

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JADOO IN AUSTRALIA.

We have received a copy of the catalogue of Mr. R. Virgoe, North Brighton, Victoria, Australia, and he reports great success with Jadoo. He opens his announcement as follows: "In August last year I introduced the new and wonderful plant-food Jadoo Fibre, and now desire to bring it prominently under the notice of my customers. To say that it has been an unqualified success is to put it very mildly. After thoroughly testing it, I persuaded a few of my customers to try a gallon sample, now (in less than 9 months) I am booking orders by the ton (or ten-bale lots), and have not had one single complaint about its qualities and advantages, neither has an instance of failure been reported." He follows this with an offer to return the purchase money to any buyer who has used Jadoo according to directions and has failed to produce satisfactory results.

OMAHA, NEB.

The American Association of Farmers' Institute Managers will be held in this city October 4 and 5. The program for the meeting has been issued and copies may be had by addressing the secretary, Mr. F. W. Taylor, care Trans-Mississippi Exposition, this city.

TOLEDO, O.—W. F. Komer, the florist, drank by mistake water in which paris green had been dissolved for use on plants, and died Sept. 11. He was 41 years old and leaves a wife and family.

KALAMAZOO, MICH.—Local florists have complained to the attorney-general at Lansing that the incorporated cemetery association is competing with them in the greenhouse business, contrary to the statute under which it was organized.

Strong Field-Grown **Carnations**

Harrison's White, Wm. Scott, Tidal Wave, Portia, Silver Spray, $4 per 100
Daybreak, Mayor Pingree, $5 per 100
Fine California Violets. $3.00 per 100.

GEO. SOUSTER, - - Elgin, Ill.

Mention The Review when you write.

Carnations!! ...IDEAL FIELD CARNATION PLANTS

Our Stock Surpasses that of all previous years.
Send for complete list of the best NEW and standard varieties.

GEO. HANCOCK & SON, GRAND HAVEN, MICHIGAN.

Mention The Review when you write.

CARNATIONS

...Fine...
Field-Grown Plants

Goldfinch and Harrison's White, Nancy Hanks, Emma Wocher, Tidal Wave, Portia, Lizzie McGowan, Kohinoor, Nivea — $3.00 Per 100; $25.00 Per 1000

Morello, Mayor Pingree, $6.00 per 100; $50.00 per 1000.

NO ORDER FOR LESS THAN 100 ACCEPTED.

REINBERG BROS.

51 Wabash Ave. CHICAGO, ILL.

Mention The Review when you write.

Carnation Plants

800 Rose Queen.
500 Fred Dorner.
500 Lizzie Gilbert.
250 Ivory. 150 Albertini
100 Bridesmaids.
150 Minnie Cook.

All fine, large, field grown Carnations. Fine, healthy plants, $3.00 per 100.

A. G. PRINCE & CO.,
88 and 90 Wabash Ave., - - CHICAGO.

Mention Florists' Review when you write.

5000 Carnations 5000

Scotts, Daybreaks and McGowans, Large Healthy At Plants, $5.00 per 100

Would exchange 500 for Palms, Ferns, Mums, Bulbs or other general greenhouse stock.

GIDDINGS, THE FLORIST,
GLOVERSVILLE, N. Y.

Mention Florists' Review when you write.

WHO Wants Them?

Four extra fine Kentias in 12-in. pots, 6 leaves, 5 to 6 ft. high, perfect plants for decorating, $6.00 each.
Also 4 Lantania Borbonica, in 10 and 12-in. pots, $3.00 and $4.00 each.

W. A. WETTLIN, - Hornellsville, N. Y.

Field Grown Carnation Plants..

Stock Ready September 1st.

A good season has put our Field Grown Stock for Fall Planting in excellent condition, clean, healthy and strong.

The condition of our ground is such to insure the lifting of a plant with little or no loss of roots. Send for Price List.

F. DORNER & SONS CO.,
LaFAYETTE, IND.

Mention Florists' Review when you write.

SCOTT CARNATIONS..

Field Grown, Healthy Plants, medium size, $6.00 a hundred, $50.00 a thousand.

JOHN WELSH YOUNG, Germantown, Pa.
Upsal Station, Penna. R. R.

Mention Florists' Review when you write.

..CARNATIONS..

Strong, healthy plants, leading varieties, popular prices.

VIOLETS -- Extra fine, healthy clumps of Marie Louise, from field.

Write for Price List.

CRABB & HUNTER, GRAND RAPIDS, MICH.

Mention The Review when you write.

...SURPLUS CARNATIONS

Strong Healthy Plants

1500 Portia ..... } $3.00 to $5.00 per 100
1000 Lizzie McGowan ..... }

Send 25c for sample.

Write for prices on larger quantities.

BOSTON FERNS, strong runners, from bench, $4.00 per 100.

JAMES C. MURRAY, 401 Main St., PEORIA, ILL.

Mention Florists' Review when you write.

Always mention the Florists' Review wher writing advertisers.

Surplus Carnations and other Plants.

2,500 Flora Hill, fine..... ...$6.00 and $8.00 per 100.
1,000 McGowan..... ..... 3.00 and 5.00 "
1,000 Daybreak ..... 3.00 and 5.00 "
400 Violets, fine clumps, Campbell and Farquhar, $5.00 per 100.
500 Vincas, fine clumps, 3 varieties, $6.00 per 100.
100 Dracaena Indivisa, strong, 3-inch pots, $5.00 per 100.

Stock Geraniums from 3-inch pots—Nutts, Hills, La Favorite, Gloriede France, Nephetos, Bailey, Heteranthe and others. My selection of all the varieties named, $4.00 per 100. Customer's selection, $5.00 per 100.

"CLYDE." A New Single Geranium, a seedling of Mrs. E. G. Hill. In every way like its parent, excepting color, which is a beautiful bright red, shaded somewhat with orange. A variety worth trying. Fine for pot or bedding. Orders booked now. Price 35c each, $3.00 per dozen. Cash with order from unknown customers.

W. E. HALL,
SUCCESSOR TO E. HALL & SON,
CLYDE, O.
Mention The Review when you write.

CARNATIONS.

Fine, Large, Field Grown Plants.

500 Flora Hill, best white, $6.00 per 100; 500 Scott, $4.00 per 100; 450 Tidal Wave, $4.00 per 100; 200 Ivory, $4.00 per 100; 700 Silver Spray, $4.00 per 100; 400 Daybreak, $4.00 per 100; 150 Bridesmaid, $4.00 per 100; 150 Rose Queen, $4.00 per 100.

FOR SALE -- 500 White Smith Gooseberry
Plants, extra strong, two-year old bushes, never mildewed in 30 years, $2.50 per 100.

E. HAENTZE, - - FOND DU LAC, WIS.
Mention Florists' Review when you write.

E. G. HILL & CO.

RICHMOND, IND.

FLORA HILL. } **Field Clumps,**
JUBILEE..... } **$8.00 per 100. $75.00 per 1,000.**
Mention Florists' Review when you write.

Field Grown Carnation and Violet Plants
Good Stock.... Low Prices....

A. WASHBURN & SON, Bloomington, Ill.
Mention The Review when you write.

FIELD GROWN... CARNATIONS.

Silver Spray, Wm. Scott, Emily Pierson, Rose Queen, } $2.00 per 100.

Good second quality plants. Order at once.

THE STOVER FLORAL CO.,
GRANDVILLE, MICH.
Mention Florists' Review when you write.

Carnations. 3,000 Extra Fine Field Grown Plants of DAYBREAK.

Also 1,000 **McGowan,** 600 **Scott** and 500 **Meteor.** Write for prices.

W. A. WETTLIN, Hornellsville, N. Y.
Mention The Review when you write.

This cut shows 22,000 Carnation Plants, in the following varieties:

	Per 100
C. A. Dana, light pink...	$4.00
Maud Dean.....	4.00
W. D. Sloane.....	4.00
Armazindy	4.00
Triumph	5.00
Daybreak	4.00
Helen Kellar.....	$3.00 and 4.00
Ivory	4.00
Lizzie McGowan, fine	3.00
Della Fox	4.00
Lily Dean	6.00

Also—	Per 100
Chinese Primula, mixed, 2¼-inch	2.00
Begonias, 20 varieties, our selection, 2½-inch	2.00
Pinks—Hardy Pink and White Pinks, Clumps.	2.00
Salvias, Clara Bedman, La President and Barnum, 2¼-inch.....	2.00
Coleus, 10 fine varieties, 2¼-inch.....	1.00
Impatiens Sultani, 2¼ inch.....	2.00
Asparagus Plumosus, 4-inch .....per dozen,	1.25
Asparagus Sprengeri, 4-inch..... "	1.25

Two Seedlings worth having.
Send for Fall Trade List.

THE MORRIS FLORAL CO., MORRIS, ILL.
Mention The Review when you write.

For Last call Carnations...

To close them out we offer the following varieties at the very low price of **$3.00** per 100, **$25.00** per 1,000.

4000 Rose Queen	1000 Daybreak	500 Ivory
2000 Uncle John	1000 Albertini	300 Silver Spray
1000 Alaska	1000 W. Scott	300 Triumph
200 Tidal Wave	200 Bridesmaid	

☞ This stock is all in fine condition. If you are in the market for good Carnation Stock speak quick! Here is your chance. Address—

Terms—Cash with order. **H. W. BUCKBEE, ROCKFORD, ILL.**
Mention The Review when you write.

4 Acres Field-Grown Carnation Plants, 91,000

Our Carnations are grown with the greatest care. Free from disease, and packed light by our improved system of packing, by which we can send them to all parts of the United States and Canada in perfect condition.

CAPTAIN KING	**JOE JEFFERSON** $2.00 per dozen.	**MAYOR PINGREE** $10.00 per hundred.	**C. A. DANA**
JUBILEE	**BUTTERCUP** $1.50 per dozen.	**CRIMSON SPORT** $8.00 per hundred.	**HELEN KELLER**
BRIDESMAID IVORY	**METEOR ARMAZINDY** $1.25 per dozen.	**MME. DIAZ ALBERTINI DAYBREAK** $6.00 per hundred.	**CHESTER PRIDE STORM KING**
SWEETBRIER PORTIA	**L. L. LAMBORN SILVER SPRAY** $1.00 per dozen.	**LIZZIE McGOWAN PURITAN** $5.00 per hundred.	**WM. SCOTT MRS. FISHER.**

Send for Price List.

J. L. DILLON, BLOOMSBURG, PA.
Mention The Review when you write.

GOOD, FIELD-GROWN

Marie Louise Violets... NONE BETTER EVER SEEN. Per 100, $5.00; Per 1000, $40.00 Healthy Stock.

F. P. ZIMMERMAN, FLORIST, TARKIO, MO.
Mention Florists' Review when you write.

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Strong, Field Grown Plants.

SMILAX PLANTS, $1.50 per 100, $14.00 per 1000, sample 5 cents.
Vinca Var., $1.00 per 100; two years old $8.00 per 100.
Hydrangea Otaksa, for 9-in. and 10-in. pots, 20 to 25 cents each.
Smilax, 2½-in. pots, $1.00 per 100.

Cash with order. **Dann & Son, Westfield, N. Y.**
Mention The Review when you write.

Mention The Florists' Review when writing advertisers.

DAHLIAS.

We have received from Mr. L. H. Read, Grand Rapids, Wis., a box of dahlia blooms, including several seedlings of his own. Of the named varieties sent Lyndhurst is a very striking red; Black Prince, a very dark crimson; Frank Smith, a pretty combination of crimson and pink; Orange King, a golden orange; King of the Dwarfs, a purple; Mrs. Hawkins, a combination of yellow and purple; Unique, a combination of orange and purple; Wilhelm Miller, wine color; Amphion, yellow and dull pink; Oban, a mixture of yellow and purple.

Among the seedlings No. 39 and No. 50 are very good yellows, and No. 2 a compact double flower of a pretty shade of dark red.

VICTORIA, B. C.

J. T. Higgins is moving his greenhouse nearer town to a more favorable location.

G. A. Knight, one of the pioneer nurserymen and florists of this city, who got the Klondike fever last season, has returned after getting as far as Lake Bennett, and as a relic of his trip, brought back some wild red currants that he says were the largest he ever saw. He now has several seedlings grown from them, and they may be heard from later. M. J. H.

FINE CARNATIONS

Mr. G. M. Naumann, Cleveland, O., sends us a photograph of his house of Daybreak carnations taken April 18 last. The plants are simply a mass of buds and flowers and we question whether a fuller crop could possibly be obtained. Mr. Naumann may well be proud of the splendid showing made by this lot of plants.

HORNELLSVILLE, N. Y.

W. A. Wettlin is preparing for a busy season and is well equipped to handle it. His grower, Carl Sackman, is making a strong effort to win the Yellow Fellow, and if he is as successful in this as he is in growing cyclamens, Syracuse will not get the coveted wheel. W. M.

THE VERY BEST RETURNS.

The advertisements you have been running for us in the Florists' Review have given us the very best returns; in fact, more results than all the other trade papers combined.

Yours very truly,
B. P. CRITCHELL, Mgr.
Cincinnati, O.

"CONTINENTAL LIMITED."

NEW FAST TRAIN EAST VIA THE WABASH.

Leaves Chicago daily at 12:02 noon; arrives Detroit 8:20 P. M., Buffalo, 5:00 A. M. New York 3:30 P. M., Boston, 5:50 P. M. only one night on the road. Through sleeper. Ticket Office, 97 Adams Street, Chicago.

The Boston Fern.

Nephrolepis Exaltata Bostoniensis.

SEND IN YOUR ORDERS.

Good, clean plants from the bench only 4 cents each by the 1,000, 5 cents each by the 100.

Extra fine plants, 10 cents to 25 cents.

SPECIMEN PLANTS.

In 5, 6 and 7-inch pots ..... from 25 cents to $1.00 each.
In 8 and 10-inch pots ..... from $1.50 to $3.00 each.

W. H. ELLIOTT,
BRIGHTON, MASS.

Mention Florists' Review when you write.

The MODEL Extension Carnation Support....
Also Wire Rose Stakes.

QUEENS, N. Y., Feb. 16, '97.
MR. THERON PARKER, Brooklyn, N. Y. Dear Sir:—I have tested your latest Model Carnation Support, and am free to say that I consider it the best wire carnation support that I have ever seen. It is quickly and easily applied, and I think will prove very durable, and you certainly deserve great credit for the invention.
Very truly yours,
C. W. WARD.

FLATBUSH, BROOKLYN, N. Y., Feb. 18, '97.
MR. THERON PARKER.
Dear Sir:—Your wire stake is certainly a gem. Without hesitating we endorse it as an up-to-date Carnation Support. Yours truly,
DAILLEDOUZE BROS.

W. HOBOKEN, N. J., Feb. 18, '97.
MR. THERON PARKER, Brooklyn, N. Y. Dear Sir:—It gives me much pleasure to congratulate you upon your success in getting up Carnation Supports. I think that those I have had from you are about as perfect as anybody will be able to make them. They certainly fill my bill for an ideal carnation support, a thing I have been looking for for a long time. Wishing you every success in the sale of them, I am,
Yours truly, E. ASMUS.

Write for Prices, Circular and Special Discounts for early orders.

The Model Plant Stake Co.
THERON PARKER, Mgr., Inventor and Patentee,
22 Morton Street, BROOKLYN, N. Y.

Mention The Review when you write.

What You Need!

	Per 100
1000 Carnations, strong field-grown, Nivea, Md. Albertini, McGowan, etc	$4.00
Primroses, best strain, 2½-in. pots	3.00
Asp. Plumosus	" 6.00
Asp. Sprengeri	" 6.00
Impatiens Sultani	" 3.00
Begonia Rex	" 4.00
Mignonette, Allen's Defiance	" 2.00
Mt. of Snow Geranium	" 4.00
Vincas, 2½-3½-in	$2.00-4.00
Forget-me-not, winter flowering, 2½-in	3.00

Rooted Cuttings and Other Stock.

Write us what you need and get prices. Terms cash or C. O. D.

GREENE & UNDERHILL, - Watertown, N. Y.

Mention The Review when you write.

Correspondence Solicited

ORCHIDS

Imported and established stock of A1 quality always on hand, also a complete line of best Cherry Wood Baskets, Fresh Moss and Peat, etc.

ARRIVED, IN FINE CONDITION,
Cattleya Speciosissima, C. Harrisoniae and Oncidium Varicosum Rogersii.
Cattleya Mendelli to arrive shortly.

Lager & Hurrell, Growers and Importers.... Summit, N. J.

Mention Florists' Review when you write.

HERR'S PANSIES
BUY THE BEST.

Seed at $1.50 per quarter ounce. A liberal packet for $1.00

Plants at 75c per 100 or $4.00 per 1000; 250 for $1.00, by express.

Albert M. Herr,
LANCASTER, PA.

Mention The Review when you write.

SURPLUS STOCK OF ROSES.

500 Perles, 1000 Brides, 1500 Bridesmaid, fine stock, out of 2½-inch pots, $3.00 per 100, $25.00 per 1000.
VIOLETS, field grown clumps, $3.00 per 100.
C. LENGENFELDER,
Cor. Western and Berteau Aves., CHICAGO, ILL.

Mention The Review when you write.

Always Mention the....
Florists' Review
When Writing Advertisers.

Heacock's PALMS
OFFER OF

All measurements given are from top of pot, and don't you forget it.

ARECA LUTESCENS.

3 Plants in 3-in. pots,	10 to 12 in. high				$3.00 per 100.
3	" 4 "	15 to 18	"		25.00 "
3	" 5 "	20 to 22	"		50.00 "
3	" 6 "	22 to 26	"		75.00 "
3	" 8 "	36 to 42	"	$2.00 each,	21.00 per doz.
3	" 8 "	42 to 48	"	2.50 "	30.00 "
3	" 10 "	48 to 52	"	5.00 "	
3	" 10 "	52 to 66	"	6.00 "	
3	" 12 "	5 to 6 ft. high, very bushy			10.00 each.

A few bushy specimens, 14-in. pots, 7 to 8 feet high.... 25.00 "

My stock of this variety is very large, grown cool, clean and very healthy and cannot fail to give satisfaction. All are grown three plants in a pot.

LATANIA BORBONICA.

2-in., 3 to 4 leaves .....60c per doz., $4.00 per 100, $35.00 per 1,000.
3-in., 4 to 5 " 12 to 15 in. high..... 10.00 per 100.
5-in., 5 to 6 " 18 in. high ..... $5.00 per doz., 40.00 "

COCOS WEDDELIANA.

2 x 3-in. pot,	1 Plant,	6 to 8 in. high			$10.00 per 100.
3	" 1 "	8 to 10	"		15.00 "
3	" 1 "	12 to 14	"		20.00 "
4	" 1 "	15	"		40.00 "
5	" 1 "	15 to 18	"	.50c each,	6.00 per doz.
5	" 3 "	15 to 18	"	.50c "	6.00 "
6	" 1 "	28 to 30	"		1.50 each.

My stock of this beautiful variety is very large and in excellent condition.

KENTIA BELMOREANA.

3-in. pots,	4 to 5 leaves,	10 to 12 in.	$3.00 per doz.,	$25.00 per 100.
4 "	5 to 6 "	15 to 18 in.	6.00 "	50.00 "
5 "	5 leaves,	18 to 20 in	12.00 "	
6 "	6 "	18 to 20 in	15.00 "	
6 "	6 "	24 to 30 in	18.00 "	

I desire to thank my customers for past favors, and suggest that with increased facilities I am offering a larger **STOCK OF PALMS,** and will be able to serve them better than ever before. My trade in the past has exceeded my most sanguine expectations, and with prosperity smiling on our country, I bespeak a share of their patronage in the future. The Palms offered are all **HOME GROWN, STRONG and HEALTHY.**

The measurements given are from the top of pot to the top of plant, in its natural position.

TERMS: Unknown correspondents will please furnish satisfactory reference or cash with the order.

JOSEPH HEACOCK, Wyncote, Philadelphia, Pa.

Mention Florists' Review when you write.

Fall is the time to plant Perennials

All Strong Field-Grown Stock.

	Per 100
Clematis Davidiana, 1 year	$6.00
Funkia Alba	5.00
Hemerocallis flora	5.00
Hollyhocks, double, separate colors, per 1000, $40.00	5.00
Helianthus Multiflorus plenus and Soliel d'Or	5.00
Iris Germanica	1.00
Perennial Phlox, superb collection	5.00
Rudbeckia Golden Glow	4.00
Spiræa Palmata Elegans	3.00
Yucca Filamentosa, 2 years	8.00

VICK & HILL CO.
ROCHESTER, N. Y.

Mention Florists' Review when you write.

ASPARAGUS

PLUMOSUS NANUS, 2½-in. pots, $7.00 per 100. Per 100

Roses, Bride and Bridesmaids, 3½-in. pots.. $5.00
Cyperus Alternifolius, 2½-in. pots 2.50
Grevillea Robusta, 2½-in. pots 2.50

NATHAN SMITH & SON, Adrian, Mich.

Mention The Review when you write.

ZIRNGIEBEL'S GIANT PANSIES.....

Plants of the above strains at the same rate as the common varieties, viz., $5.00 per 1,000.

With our system of packing plants can be sent safely any distance.

DENYS ZIRNGIEBEL, NEEDHAM, MASS.

Mention The Review when you write.

J. M. THORBURN & CO.
Late of 15 John Street, Have

REMOVED TO 36 CORTLANDT STREET, NEW YORK.

CATALOGUE OF BULBS AND CHOICE FLOWER SEEDS for Florists now ready and mailed free on application.

Mention The Review when you write.

Tobacco Dust.

Just at present we have a surplus and room is scarce. We will fill orders to the trade as long as surplus stock lasts at $12.00 per ton, $7.00 per ½ ton, $1.00 per 100 lbs. Cash must accompany each order.

THOMPSON'S SONS, Rio Vista, Va.

Mention The Review when you write.

LILIUM HARRISII,

5x7, $4.00 per 100; select. Prices on larger lots on application.

Cyclamen Persicum Grandiflorum,

fresh seed, in 8 distinct varieties, per 100, $1.00; per 1000, $8.00.

STUMPP & WALTER CO.
50 Barclay St. NEW YORK.

Mention Florists' Review when you write.

ROSES ROSES

No finer grown. Big bushy plants, full of flowering shoots, out of 3 and 3½-inch pots, at **$3.00** per 100. Meteors, Brides, Bridesmaid, Perle and Beauty. This stock is cheap at twice the price, but must be sold at once to make room.

SMILAX PLANTS, 2-inch pots, full of roots and covered with plant. No finer to be had and at lowest price ever quoted. **75c** per 100, **$5.00** per 1000. Cash with order.

SOUTH SIDE FLORAL CO., SPRINGFILLD, ILL.

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CHINESE PRIMROSE

6,000 single, mixed colors, 2 and 2½-inch pots, $2.00 per 100.

PANSY PLANTS, 60c per 100, $3.50 per 1000.
ENGLISH IVY, 2½-inch pots, $3.00 per 100.
CASH WITH ORDER.

JOS. H. CUNNINGHAM, DELAWARE, OHIO.

Mention The Review when you write.

CANNAS. ....Fall Delivery....

Paul Marquant.	Mad. Crozy.	20c per clump.
Chas. Henderson.	Sarah Hill.	
Paul Bruant.	Bouvier.	
Florence Vaughan.	Austria.	25c per clump.
Queen Charlotte.	Italia.	
Mad. Montmorie.	Flamingo.	

Large clumps. Cash or references. F.O.B. Warsaw.

C. E. UTLEY, WARSAW, IND.

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ELMIRA, N. Y.

The Elmira Horticultural Society will hold its first chrysanthemum show November 1 and 2 at Bundy Hall. There have already been promised some fine decorative exhibits, as well as a good display of high-class blooms. The Eclipse Bicycle Company, of this city, have offered one of their high-grade '98 wheels, value $75, for the best seedling of any color exhibited under the rules of the American Chrysanthemum Society, which require the seedling to be tested at least two years and six blooms on exhibition. The judging to be by that society's scale of points and by a competent judge. The winner is to be named the "Eclipse of '98" and be disseminated under that name. We hope the seedlings of the year, of which we hear there are many, will be well represented.

In addition to the commercial growers of the vicinity, there are several private gardeners who will exhibit. John Rudy, of J. S. Fassett's place, "Strathmont," has a very promising lot of Japan seedlings which will be shown. General Magee's gardener, J. T. Anthony, will doubtless have some of the magnificent blooms for which he is noted.

The managers of the society hope to make this first venture a success and make the society permanent. They succeeded in bringing out a fine display of roses in June, and Rev. W. T. Hutchins, who judged the sweet peas at the August show, said that the arrangement and character of blooms he had never seen excelled. H. N. H.

MARQUETTE, MICH.

Business here has greatly improved the last month, and the prospects for a good fall trade are very bright.

L. H. Stafford has two of his carnation houses in solid beds this year as an experiment, and will keep a record of the amount of bloom picked from them and the ones planted on the bench. All his carnations are remarkably fine plants. His young roses are coming along finely and promise a very heavy crop; not a sign of mildew on them. His mums, too, are in prime condition.

FINE FREESIAS.

The Wilmington Bulb Co., Wilmington, Cala., send us some samples of the freesia bulbs grown by them. They are certainly very fine bulbs; we have never seen better ones.

FRANKFORT, IND.—Mrs. E. Kuntz has rebuilt her palm and fern house, as well as house for carnations, and now has five clean, well-kept houses.

PRAIRIE DU CHIEN, WIS.—Robert Gugler, formerly of Milwaukee, has located here and has commenced the erection of greenhouses, planning to do a general florist's business.

The Harrisii Disease

can be prevented by immersing the bulbs for 5 hours in a half solution of.....

..Kraft's Plant Tonic.. 99%

This has been conclusively proven by experiments at Lincoln Park, Chicago. The Tonic also kills **Hard Shelled Scale, Mealy Bug,** and other insect pests without injury to the plant. A trial of a 25-cent bottle will convince you that a really remarkable insecticide has been discovered. Send for circular.

Kraft Plant Tonic Co., Rockford, Ill.

Mention The Review when you write.

F. R. PIERSON CO.

TARRYTOWN-ON-HUDSON, N. Y.

IMPORTERS, GROWERS AND DEALERS IN **CHOICE SEEDS, BULBS AND PLANTS**

Mention The Review when you write.

JUST ARRIVED from

FRANCE -- Roman Hyacinths, Narcissus, Freesias, etc.

JAPAN -- Lilium Longiflorum, all sizes. Crop short.

HOLLAND -- Hyacinths, Tulips, Narcissus, Crocus, etc.

CHINA -- Chinese Secred Lilies.

On hand:—Extra selected **Lily of the Valley,** 2,000 in a case $24.00
From cold storage:—A fine lot of **Araucarias.**
State quantity needed and prices will be cheerfully given by

F. W. O. SCHMITZ, - - JERSEY CITY, N. J.

Mention The Review when you write.

PINK PAEONY For FALL PLANTING, **....CLUMPS....** At $10.00 per hundred.

Will divide into two and three. Easily cultivated; need no protection during winter. Any florist having land will find them big payers. Freight, any distance.

BRANT & NOE, Forest Glen, Ill.

Mention The Review when you write.

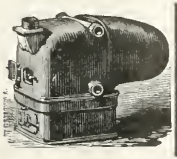
"SPECIAL OFFER."

Pandanus Utilis, 2½-inch pots, beautiful, clean stock, $8.00 per 100. Only a limited number. Fine for growing on.

SIEBRECHT & SON,
New Rochelle, N. Y.

Mention Florists' Review when you write.

Burpee's Seeds Grow



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233 MERCER STREET, NEW YORK.
GREENHOUSE BUILDING,
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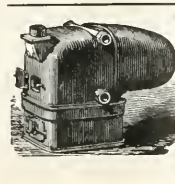

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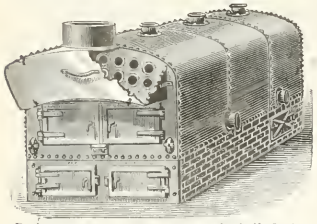

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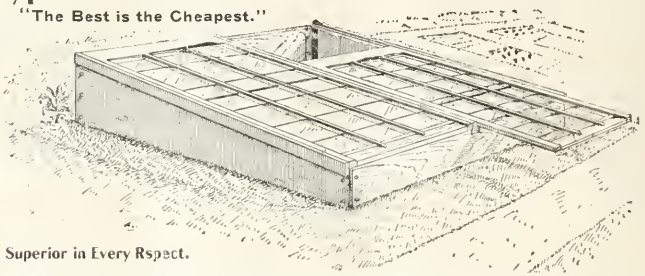

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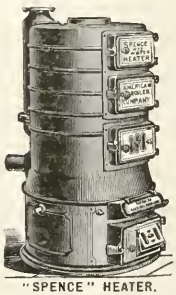
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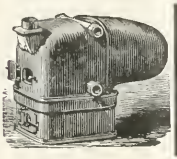

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THE WEEKLY
FLORISTS' REVIEW

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Vol. II. CHICAGO AND NEW YORK, OCTOBER 6, 1898. No. 45.

VERSCHAFFELTIA SPLENDIDA.

Under this name we have a remarkably handsome broad-leaved palm, and the species in question is the only member of the genus so far as known at present.

In a young state, as depicted in the accompanying illustration, this palm bears some resemblance to Stevensonia grandifolia, but as the verschaffeltia attains age it becomes much more distinct in appearance, its leaves being usually fewer in number and the stem of the plant more slender than that of Stevensonia.

The leaves of Verschaffeltia splendida sometimes grow to a length of seven feet, with an extreme breadth of five feet, the tips being cleft, or bifid, and the body of the leaf irregularly divided into broad segments. As noted above ,the stem is quite slender, and is thickly armed with long, blackish spines, and in plants of considerable age the base of the stem is usually surrounded and supported by a mass of strong, wiry roots, a characteristic of many palms when they arrive at large size and approach maturity.

Verschaffeltia splendida is said to grow to a height of 80 feet in its native land, the Seychelles, but so far as one may judge from specimens of moderate size it is more ornamental in a small state. Seeds form the only method of increase, and require strong heat and plenty of moisture for their germination, a process which is rather slow and uncertain.

A rather coarse, peaty soil seems best adapted for this plant, and plenty of water should be given, and owing to its tropical origin a night temperature of 70 to 75 degrees during the winter months is found most favorable. But with this strong heat a moist atmosphere must be maintained, or red spider and thrips will surely give trouble.

As a florists' palm verschaffeltia is not very likely to become prominent, being rather too tender for such use, but for private collections, public parks and other educational institutions it is well worth a place.

W. H. TAPLIN.

Verschaffeltia Splendida.

A GENERAL FLORIST'S BUSINESS.

Charles Held, Chicago, has a store and about 15,000 feet of glass in a well built up section of the city. He sells much more than he can produce, but

aims to make his glass turn out as large a share as possible of what his trade demands. In his section of the city the call is mainly for designs for funerals, weddings, etc., and but few loose flowers are sold.

With him, as with others, the carnation is well to the fore, and for the coming season he has benched 2,500 McGowan, 1,500 Tidal Wave, 1,000 each of Scott and Daybreak, 500 Alaska (this variety will probably be dropped after this season), and 100 Flora Hill. He also grows about 500 Garfield, these to be sold as pot plants.

He is greatly reducing the space devoted to roses, believing that he can buy cheaper than he can grow them. He has a house or so, more as a show than anything else, and his plants include quite a few Perles, because this rose is demanded by his trade and it is now often difficult to secure good Perles in the market. He has dropped Meteor entirely, as with him it mildewed all the time, probably from insufficient heat. He also has a few Brides and Maids to piece out and to satisfy the people that these roses are actually grown on the place.

In chrysanthemums he grows about 1,000 single stem flowers, his leaders being Mrs. Jerome Jones, The Queen, Bonnaffon, Whilidin and white and pink Ivory. Other sorts grown include Mrs. Robt. Craig and Gretchen Buettner. He finds Mrs. Craig quite useful in design work. It is weak in the neck, but that doesn't count in the way he uses it. And again it is very late, considerably extending the season. The Queen is one of his very best sellers, going even quicker than Jones. He grows 100 to 150 chrysanthemum plants in 6-inch pots, but says there is no money in them. He sells some of them, uses others in decorations and cuts the flowers from the remainder.

His sales of palms, rubbers and ferns have very greatly increased of late years, and the demand seems to be still growing. In palms he buys young stock and grows them on. The call has changed several times as to variety. Last year there was a run on latanias, but this year Kentia Forsteriana is selling best, even better than Kentia Belmoreana. The people seem to like the greater height for the money. Areca lutescens goes very well when small, but not so well when larger. He had a small lot of Areca Bauerii and they sold very well, but with him Livistona rotundifolia and the phoenices do not sell at all.

Pandanus utilis has sold well with him this year, and the people seemed willing to pay a good price for a nice plant.

He used to buy his rubbers, but will in future grow the bulk of what he needs, and the sales of this plant are continually increasing. He had splendid success in propagating rubbers this summer. He made ordinary one-eye cuttings and put them right into soil in 2-inch pots, the latter part of May, and they were placed on a shaded bench in the palm house. After being three or four weeks in pots they were planted out in some old hot beds, just about as you would plant geraniums. No shading or other protection was given them. For about two weeks they stood still, then they began to grow fast, and by September 5 they had made eight to ten fine leaves. They were then potted and taken inside. A finer batch of young rubbers one would not wish to see. In making the cuttings the cut was made at a joint and there was but one eye to each cutting. They struck roots in three or four weeks, and he didn't lose 10 per cent. of the cuttings. When outside the plants that were most exposed to the sun grew the fastest.

The Boston variety of the nephrolepis is the best selling fern with him, though the old exaltata is not far behind. He grows all he can of both sorts, planting out on the bench and potting the runners when they have about three leaves. Adiantum cuneatum in pots also sells very well with him, and a bench of this fern supplies the indispensable fronds for design work. The Pteris serrulata type of ferns doesn't sell very well, and when the plants get large they are quite unsalable. He has just thrown out several hundred large plants.

Araucarias of moderate size are finding quick sale of late and he has been surprised at the willingness of certain customers to pay the rather stiff prices that must be asked. Cyperus alternifolius is as popular as ever.

In begonias his best sellers are metallica, argentea guttata and rubra, in addition to quite a variety in the Rex section. Vernon and Erfurtii don't go well with him.

In bulb stuff he grows quite a lot of the miniature Dutch hyacinths, finding these much more useful in floral work than flowers from the larger bulbs, and they can be brought in earlier, too. Of these he grows 3,000 white, 1,000 lavender and 1,000 yellow. Of the large bulbs he grows about 1,000 named and 500 mixed for sale in pots, the colors of the named sorts being mainly white and light blue. The blue ones sold well last year. In tulips he grows 5,000 La Reine and 5,000 of various other sorts. Of Romans he will have 6,000 and of Von Sion 1,000. He will also have 3,000 freesias, partly to sell in pots, but mainly for cut flowers.

Of callas he has 500 plants and finds use for all the flowers produced. About July 1 he lays the 6 and 7 inch pot plants down outside in the shade where they remain till August 1, when he shakes off the soil and removes the small bulbs which are planted in boxes, and the old plants are then repotted into 5-inch pots. About October 1 they are shifted to 6 or 7 inch pots, placing a potsherd over the drainage hole and a handful of fresh cow manure in the bottom before putting in the soil. He begins to get flowers by the latter part of October, and by his method of treatment gets flowers that are smooth and of medium size and with a small stem, which makes them more available for use in design work. After the holidays he gives the plants an occasional dose of liquid cow manure, but doesn't change the pots again till after the next annual resting period. The calla makes its best flowers in comparatively small pots, and Mr. Held has no use for the big, coarse, wrinkled blooms that are produced by plants that are planted out.

The tuberose is still a factor in his business and he grows about 2,000 bulbs, handling them in three different batches. The first lot of 800 is placed in boxes about February 20 (in boxes that previously held Romans), and after receiving a good watering they are placed right on the heating pipes under the benches, as they must have lots of bottom heat to start them off quickly. About a month later the plants are cut out of the boxes, a little square of soil with each, and planted out on the bench about six inches apart. In this way he gets flowers by the latter part of May. The second batch is planted in boxes the same way, but instead of being placed on the heating pipes are put in a hot bed and they bloom in August. The third batch is planted in boxes, a little farther apart than the others, and flower in September. They bloom outside in the box, but if cold weather comes the boxes are carried into a greenhouse. This is the advantage of having them in boxes.

Among other things he finds very useful are about 75 plants of the white Swainsona (which begins to bloom about April 1), and about 300 6-inch pots of stevia.

He grows quite a batch of the common myrtle (Myrtus communis), as he has considerable call for bridal wreaths of myrtle. The myrtle is also in good demand for some celebration of the Jewish church which takes place shortly after the holidays, and three-leaved ones are in especially brisk demand for that occasion.

He is reducing his stock of cannas, as he finds he cannot compete with the department stores that have of late offered this plant at ridiculously low rates. He sells a lot of cinerarias, primulas, pot hyacinths, etc., in April, but as soon as the weather permits the advent of the peddler on the streets he is no longer in it. He is practically out of the bedding plant business. Says that in the spring there is a peddler around for about every house with a yard to plant, and he can't meet their prices.

Still he grows quite a bunch of pansies. He sows the seed about September 1 and the seedlings are later pricked out in boxes. He plants out in frames about October 1, and lets them freeze pretty solid before covering with the sash. Then over the sash he scatters a little coarse litter to prevent any chance of the sun

Exterior View of Store of J. H. Small & Sons, New York.

thawing the soil. If growth starts before early spring the plants will be long and straggling and they may be carried off by a later freeze. He ventilates according to weather, and about March 1 removes the litter from the glass, thus giving abundant sun and air. As soon as safe the sash are entirely removed.

Though the city is now well built up around him, when Mr. Held started his place sixteen years ago, he could drive a wagon across the prairie in any direction without let or hindrance, and as an evidence of solid prosperity there appears on one end of his property a handsome flat building that brings in a comfortable revenue. Mr. Held expects to rebuild the entire place in the not distant future, and to make it a model retail establishment.

A NEW YORK STORE.

We are pleased to be able to present in this issue exterior and interior views of the New York store of J. H. Small & Sons from photographs taken specially for The Review. It is a difficult matter to stop a Broadway crowd for the purpose of photographing a store, but with Mr. Small's permission the attempt was made with the result shown. The engravings give but a poor idea of what is admitted here to be one of the finest florist stores in the United States.

The windows are very high and are rounded at the entrance. The signs and rods are of polished brass. The window floor is beautifully tiled in green and would be handsome without a plant or flower. The ceiling of the window is a work of art. Frosted electric lights of from 1 to 50-candle power are beautifully arranged among plastic life-like foliage of wild smilax. These windows are always artistic and create no little envy on Broadway; on this occasion one contained several hundred flowers of Cattleya labiata, Dendrobium phalaenopsis and Dendrobium formosum; and the other (but unfortunately not shown) a handsome basket of tritomas.

The store has just been enlarged and newly fixed up. It is 25 by 100 ft. in dimensions and the ceiling is 18 ft. in height. There is a balcony conservatory 25 by 50 ft., which is filled with a fine collection of palms and ferns. The interior view shows the large ice-box on the left and the marble table in the center of the store; on this is a vase of hybrid nymphaeas and a prettily arranged basket of tritomas. To the right, where the chairs are, is a mirror running the full length of the wall. At the upper left hand in the view is shown the beautiful decorative design. The walls are white and this plastic foliage which is copied after wild smilax is painted just the faintest shade of green, and standing out boldly from it are groups of finely worked lotus flowers. There are over two hundred frosted electric lights scattered among this frescoed foliage; these lights also range from 1 to 50-candle power and their arrangement, in fact the whole scheme of decoration, is refined and artistic and commands admiration.

The office and workshop is in the rear under the conservatory, where all boxes, baskets and other stock are kept, thus reserving the front of the store for show and salesroom.

IVERA.

ARISTOLOCHIA—NYMPHAEA.

Please let me know through The Weekly Florists' Review the proper name of the enclosed blossom (called the Dutchman's Pipe). I raised it from seed about four years ago, but this is the first year it bloomed for me.

How must I keep Nymphaea dentata during the winter? It has not bloomed this year. A. H.

The sample of flower sent was crushed and discolored, but it is no doubt Aristolochia Sipho. The species of this grotesque genus, which is often known as the Dutchman's Pipe, if it is hardy I am sure it is Sipho; if tender it may be some other species.

It is a North American plant and one of the best of our hardy so-called vines.

Nymphaea dentata. Presuming that this fine species has been growing this summer in tubs, it can after the first frost be removed to a cool cellar or shed where there is no danger of the soil freezing. They will rest for months without water. Do not replace in pond until water is warmed by the spring suns. W. S.

Plants for the Store.

Stocking the store with plants is a very important task for every retail florist, and now is the time for it. It may be some time before we can sell many of the plants, still people are getting back from the country and are beginning to look around for these interesting features of home decoration, and it is well to have a variety on hand, for apart from being ready for customers we need them to furnish the store.

There are several little things we should insist on the growers doing, one is to have all pots and plants washed clean before shipping, and to see to it that there is room enough left on top of the pots to water the plants. Many plants are plunged out in summer; they are lifted and shipped off with soil level to the brim, and sold to customers in that condition. The consequence is that the plants cannot be watered sufficiently, or that carpet or furnishings are ruined. Every plant intended for store or house culture should have from one-half to one inch of space left on top of the pot to allow for thorough watering. Every store should have a good supply of papier-mache saucers, and some block tin or zinc pans for large pots and tubs; they will enable you to water your plants without flooding the floor.

Now about pot covers. We all know it is difficult to water plants when they are in the ordinary pot baskets, still we must have them for effect. A better cover is obtainable; it is made in the shape of a basket, but has no bottom, is detached at one side and can be placed around any pot. These covers can be removed and the water sponged out of the saucers without moving the plant.

About the class of plants we should have, it all depends on our class of trade and the facilities at our disposal; hundreds of us have no greenhouse, our stores are lighted with gas and we cannot consider any but the very hardiest, such as ficus, kentias, aspidistras and latanias. Many have greenhouses and can carry a large assortment. To all we would say, don't have anything around that is not salable—poorly grown or disabled plants should never be kept around the store.

We believe every plant sold should be properly named. It adds to the value of a plant if the customer sees the name on it, and more so if its nativity is also specified. We are all familiar with the absurd yarns told to customers about plants and flowers of which the names were forgotten, or more likely never known, but there is no excuse for ignorance in these days. Label your plants and familiarize yourself with their history and be able to talk intelligently to your customers and you are sure to sell more.

Now variety is not only the spice of life but to the florist it is a creator of trade; therefore we should always have variety around us. Plants are cheaper and are better grown now than they ever were, but we should not be satisfied with this, we must look for good things and push them forward, or in other words, get our customers accustomed to something besides the old half dozen kinds of plants they see everywhere.

The Boston fern is one of the best decorative plants introduced in many years; don't be afraid to have a good big pan of it. It is a grand plant for any form of house decorations. Branching ficus will be in demand this season, and if you cannot get them try two or three plants in a pot. Livistona rotundifolia should be better known, it's a beauty. Cocos Weddeliana, intended for pot culture, should have three or four in a pot; they are too skimpy as individual plants. Put the tallest in the center and fill out the bottom with small ones.

While we are on this point we cannot too strongly condemn the absurd combinations of plants many prominent growers are putting on the market. Many plants are put together in pots which require different treatment, but apart from this the potting shed artists have gone far astray in search of harmony or beauty of arrangements. Made-up plants are certainly very desirable, for they give immediate effects, but let us be artistic in what we do, and we cannot do better than have our made-up plants constructed of one variety. There's lots of room to be truly original in other and more profitable ways.

Of course the quality of kentias, arecas and latanias and such plants is too well known to be continually dwelt on. It is our aim to write of others. The phoenix is a good plant for dark corners, and rhapis is fine for pillar effects, or where a spreading plant is not wanted. Adiantum Farleyense will be more used than ever, and it deserves to be; it is grand any place you put it—in the window or best of all on the table with orchids or by itself. Adiantum gracillimum should be seen in town oftener; it should be the closest associate with the term "maiden-hair fern." Brilliantly colored crotons are fine for windows and make up well with other plants, in boxes or vases. They are also good for chrysanthemum baskets or table decorations. Davallioides furcans and Microlepia hirta cristata are two grand ferns for the store.

Selaginellas—emiliana and arborea—are good plants and the latter particularly should be grown more than it is and the retailer should know it better. Lomaria gibba well grown makes a very pretty vase plant.

Asparagus Sprengerii is going to be "all the go" this winter. Many are growing it in hanging baskets and in this manner it will be mostly used. It will appear at every large decoration of this season. Large specimens of Pteris tremula are splendid material for decorations, but we seldom see them any size. Fancy caladiums are justly coming to the front. Some of the newer ones are very grand.

Curiosity does a good deal sometimes and it is advisable to have some plant curiosity in front of the store. An orchid on a block, a bromeliad, a well pitchered nepenthes, or some peculiar plant that will attract people, and mind you, there is enough interesting lore attached to the history of such plants to fascinate a great many. Plants indigenous to Cuba, Porto Rico and the Philippine Islands may be sold quickly and to advantage if

View in Store of J. H. Small & Sons, New York.

they are properly brought before the public.

We will deal with the arrangement of fern dishes, vases and city conservatories in another issue. In this paper we have merely endeavored to suggest a few points on plants. There are a great many varieties of plants we have not mentioned because we consider it unnecessary to give extensive lists. Most all plants can be made useful; the tendency is for more variety. Even fern dishes this winter will be arranged with more variegation, and palms, etc., will be fixed up to give a more massive effect.

Our windows at this time should be nicely arranged with plants and in the store remember one good specimen plant is worth a great many small or poor ones, and the same rule applies to decorations. IVERA.

RHUBARB.

We have engaged a stock of Linneas and Victoria rhubarb roots averaging from eight to fifteen eyes, which we intend to divide and plant in frames for spring forcing.

1st. How many eyes shall we leave to a clump?

2d. How many clumps can we plant in a frame 6 feet by 50?

3d. How high shall we build the sides of the frames?

4th. How long before we can commence pulling? C.

1. If the clumps are not more than one foot across they need not be divided at all, but if larger than that cut them through the middle.

2. If they are only to be used as forced plants there is no need of their having much room; 5 or 6 inches between the clumps will do.

3. If the frame is 2 feet above the crown in front and 2 feet 6 inches at the back that will be sufficient height.

4. That will all depend whether your frame has any artificial heat. If it is a cold frame and merely warmed by the sun you would pull rhubarb only two or possibly three weeks earlier than outside. If it is heated with pipes you can start it growing when you choose and have it fit to pull in three or four weeks. The writer has never seen a heated frame used for forcing rhubarb, but thinks when wanted on a large scale it would be the very best plan, and several crops could be had during the winter. I have forced rhubarb in the following way: The roots were dug up just before hard freezing set in and stored in a cold shed or out of doors, covered with straw; then in February they were brought in and placed on the floor of the greenhouse under a bench in a house where the night temperature was 55 degrees. Some earth was shaken down between the clumps, filling up the spaces, and nothing more was needed but plenty of water. If you go into this business extensively you will find the need of a large stock of good plants outside, or you will run short of forcing plants.

WM. SCOTT.

CHRYSANTHEMUM SOCIETY OF AMERICA.

The committee judging new seedlings will be in session October 8, 15, 22, 29, November 5, 12, 19 and 26. Exhibitors should make their entries for which a fee of $2 is charged for each variety entered, to the secretary not later than the Tuesday of the week the blooms are to be shown. Express charges prepaid and forwarded to any of the following addresses will receive careful consideration:

Boston, Mass., A. H. Fewkes, Horticultural Hall.

New York, N. Y., E. Dailledouze, care New York Cut Flower Co., 119 W. Twenty-third street.

Philadelphia, Pa., A. B. Cartledge, 1514 Chestnut street.

Cincinnati, O., R. Witterstaetter, care Cincinnati Cut Flower Co., cor. Fourth and Walnut streets.

Chicago, Ill., C. W. Johnson, care Illinois Cut Flower Co., 51 Wabash avenue.

Seedling Chrysanthemums.

As the time is fast approaching when those interested will wish to exhibit their seedlings before the committees, a few words regarding the

rules and regulations governing these exhibits may not be amiss.

A fee of $2 is charged for each variety entered. This entry fee entitles the exhibitor to submit the variety before as many committees as he may desire. Six blooms are required of each variety shown and to be eligible must be such as have been tested at least two years. No member of a committee shall show his bloom before the committee of which he is a member. Varieties scoring 85 points are entitled to the society's first class certificate. Foreign varieties may also be entered and certificated under the same conditions. Varieties exhibited under number must be provided with a name, otherwise the certificate will be withheld. As each year there are new organizations holding their first exhibitions, and as many of these are anxious to adopt scales for judging various classes, it would seem wise that one scale be used universally. To this end I give those adopted by the Chrysanthemum Society of America, which seem to be adequate.

Scale A.—Scale of points for bush plants and standards, single specimen or any number up to six, in an exhibition where the class under consideration does not form the chief feature in the exhibition hall.

Equality of size and form of plant.	40
Size of bloom	30
Foliage	30
	100

Scale B.—Scale of points for bush plants; exhibits of more than six or for any number of specimen plants in an exhibition where the class under consideration forms the chief feature in the exhibition hall:

Equality of size and form of plant.	25
Size of bloom	20
Foliage	25
General effect	30
	100

Scale C.—Scale of points for plants grown to single stem and one bloom. A height of not over three feet is recommended for plants in this class, and pots not over six inches in diameter:

Compact, sturdy growth	40
Foliage	30
Size of bloom	30
	100

Scale D.—Scale of points for specimen blooms:

Color	25
Form	25
Fullness	15
Stem	10
Petallage	10
Size	15
	100

In the Chrysanthemum Society Cup contest, which occurs in Philadelphia on the 18th of this month, the blooms should be addressed to David Rust, Horticultural Hall, instead of Edwin Lonsdale, as formerly announced.

ELMER D. SMITH, Secy.

EUROPEAN NOTES.

By Henry F. Michell

[Read before the Florists' Club of Philadelphia, October 4, 1898.]

Mr. President and Gentlemen of the Philadelphia Florists' Club:—I was surprised, and rather taken unawares, when the chairman of your Essay Committee (Mr. Watson) asked me (after I returned from Europe) to prepare a brief essay on the most interesting things I saw during my travels across the water. He induced me, however, to accept this little duty.

Leaving New York on the steamer Friederich der Grosse on June 23d, we arrived at Southampton (after a very pleasant journey) on July 1st. I especially noticed, on looking out of the railroad car windows, on my way to London nearly all the track embankments cultivated with vegetables and flowers, some of them commercial, but most of them belonging to the residences near by. This seemed quite new to me and most interesting, as they were kept very clean and trim. Reaching London, and getting myself located, I started out to look for points of interest, especially in the horticultural line. First I took a trip to Hyde Park and among the interesting points there I noticed immense crowds of fashionable people, both walking and driving. The flower bedding is done here on a mammoth scale. As far as the eye can reach are seen most artistic beds; Violas do most excellently in England; also begonias, the semperflorens and tuberous rooted varieties, as well as fuchsias, heliotropes, etc., which are used in great quantities. They do much better there than in this country. The lawns are kept closely cut, which was a great delight to me; the turf was soft and velvety, and rich dark green in color.

My next visit was to Hampton Court, in the suburbs of London. This was the country seat of the famous Cardinal Wolsey, the favorite of King Henry VIII., and these magnificent gardens extending along the banks of the Thames are among the most pleasing that I have ever seen. Old fashioned flowers abound here; roses of all colors climb along the walls and hang in heavy clusters to charm the visitor. Heliotropes, pansies and violas vie with geraniums, begonias and fuchsias to make a picture never to be forgotten. Along the many well kept walks are great numbers of beautiful Sweet Bay trees, as well as orange and lemon trees, all in immense square tubs, which have movable sides so that the plants can easily be taken out of them. In a grapery, especially built for it, is the famous Hampton Court grape vine, a Black Hamburgh, planted by King George III. in the year 1768. After three enlargements of the house it now covers a space of 2,200 square feet. When I saw the vine it was literally covered with immense bunches of fruit not quite ripe, but still very tempting. All the fruit is sent to Her Majesty Queen Victoria for her own personal use, and for distribution to her friends. There are many other interesting features of the gardens. A "Maze," in which one can easily wander about for a long time without finding his way out, is one of the attractions. The lawns here are also kept in great state of perfection by having plenty of workmen constantly employed with mowers, shears, rakes, etc. One special feature was noticeable, that is, the absence of the signs "Keep off the Grass," but instead, there are signs, "Please do not walk on the edges of the grass."

My next place to visit was the "Kew Gardens," the school of the best English, Scotch and Irish gardeners. Next I went to the Mammoth Crystal Palace, with its large number of flower beds, etc. The next place on my programme was a visit to Carter & Company's extensive seed trial grounds at Mortlake, where I posted myself on the best things of especial merit. My next trip took me to Sutton & Sons' seed-growing establishment at Reading, about an hour's ride outside of London. There, also, I had a most interesting trip; everything in the highest possible state of cultivation and good order. Among the most notable specialties were tuberous rooted begonia blooms, 8 inches in diameter, mammoth gloxinias, Nemesia Suttoni, giant flowering primulas, streptocarpus, forcing tomatoes, and others too numerous to mention.

My next visit was to Belgium, arriving at the famous watering place, Ostend, whence I went to Brussels and Ghent, the headquarters for tuberous rooted begonias and gloxinias. Great improvements are being made in begonias by encouraging and growing extensively species which produce their flowers on stiff stems, thrown well aboye the foliage, as well as large size of bloom and brilliant colors.

From Belgium I went to Holland, stopping at Harlem, which is the starting point of the great bulb-growing district. This was certainly a most interesting country; the weather was rather cold and wet while I was there the first few days, but turned out fine after the third day. I was well entertained there, especially by Mr. L. Van Wavern, who is one of the oldest, largest and most reliable growers of bulbs. Of course, I visited a number of other bulb growers, as the bulb farms nearly all adjoin each other; I gained a lot of knowledge in Holland, as the members of the leading firms were very communicative to me and showed me everything about the bulbs.

After leaving Holland I made my way to Cologne and from there I went, by way of the beautiful Rhine, with its magnificent vineyards, to Mainz; thence to Frankfort. The most inter-

esting place I visited in Frankfort was the "Palmen Garten" (or Palm Garden). This, I think, is one of the finest landscape effects that I have ever seen. The bedding of plants was done on a perfect scale; it was wonderful the way the many carpet bedding designs were kept trimmed by a large force of gardeners. Carnations, heliotropes, and other flowers are brought to great perfection here, especially the roses. A wonderful sight was a Crimson Rambler Rose twined about an old dead tree which served as a trellis for it. It stood fully fifteen feet high and was covered with magnificent clusters of bloom. The head-gardener informed me that this plant had over 2,000 open flowers on it at that time. Another notable and new sight for me was Clematis Jackmanii trained in the shape of large umbrellas. The entire tops were a mass of rich purple blooms.

Leaving Frankfort, I went to Erfurt, in Germany, which is the great seed-growing district. It took me three days to go over Mr. E. Benary's extensive grounds to carefully inspect and note specialties most interesting to the seedsman. The greatest care is taken here with every variety of seed grown and the force of employes is immense. One special feature that attracted my attention was the transplanting of carnation seedlings—four men planting diagonally four rows at one time. The foreman, on my inquiry, told me that the work is much better and more quickly done by that process of planting. Every known flower and vegetable is grown here, but I must omit going into details. After spending nearly a week in this location I visited Berlin. Most interesting in the horticultural line was the "Thiergarten," a beautiful natural park, kept in excellent order.

From Berlin I traveled into Switzerland. The most beautiful place I visited there was Luzerne, the garden-spot of the Republic. Plants and flowers are here in great abundance, principally on the quays, where they flourish in excellent health, and everything is carefully attended and watched constantly.

The next place on my list was Paris. Notable here are the gardens of Luxembourg, which join the palace of the same name. These are quaintly laid out in the old style. A large part of the gardens is terraced, and along the terraces are set, at intervals, statues of famous French Queens cut in white marble, giving the gardens a very rich effect. Carpet bedding is done in profusion and is pleasing to the eye, especially looking down from the terraces. The gardens of the Tuileries are magnificent and cover large tracts of ground. One of the most noticeable effects in Paris is the long Boulevard of the Champs Elysees, lined on both sides with most magnificent trees, which are trained and trimmed in such a way that they have the appearance of a long arbor. They are trained in a lateral effect, branching out on the sides only and not arching or covering the drive—this was certainly worth seeing, and I shall never forget the general effect of this system. Passing through this magnificent avenue, which is terminated by the beautiful Arc de Triomphe (or Triumphal Arch), we reach the Bois de Boulogne (or Boulogne Woods), the fashionable promenade and drive of the Parisians. There are two large and beautiful lakes in this park; along the drives are seen gay parties enjoying to the fullest extent the grand landscape. My next trip took me to Versailles, the palace of the French kings, about fifteen miles from Paris. Here the gardens and fountains were the most famous in the world, but they are not kept up as well as they should be. One of the gardeners told me that the appropriations were very much reduced lately, but the grounds are still on a grand scale. Directly in front of the palace is a large lake, called the "Swiss Water." This lake was dug, made and filled with water by the Swiss Guards in 48 hours to please the whim of a French Queen. These grounds are especially noted for their great number of handsome fountains, which I was informed cost the government 10,000 francs ($2,000) every time they are played, which, however, only takes place once a month, the first Sunday of every month, when the Parisians turn out in great masses. Limited time prevents me from giving a more detailed description of this paradise.

My next trip was to the seed establishment and trial grounds of Vilmorin & Co., at Verrierres, about 20 miles from Paris. This is also the residence of the Vilmorin family, a stately old mansion surrounded by large woods and well kept grounds. After partaking of a most sumptuous and enjoyable breakfast with the Vilmorin family we started on an inspecting tour of their vast trial grounds and warehouses. Most notable in the trial grounds were tests of every variety of aster, petunias, phlox, verbenas, sweet peas, and every other species as far as the eye could reach. Gladiolus forms quite a large percentage of the grounds where every known variety is on test. Many of the points which were explained to me by Mr. Vilmorin were of great value, making my trip most pleasurable and profitable. Leaving Verriers I accompanied Mr. Vilmorin to the horticultural exhibition which was being held in Paris; the display was principally made up of asters in great quantities, also other annuals. Strange to say, the gardeners and florists have the same familiar healthy appearance as they have in Philadelphia, and I almost felt that I was at one of our own exhibitions here in Horticultural Hall; the only difference was that they all spoke the French language, and that I could not understand nor speak at all.

After leaving Paris we sailed for home, and after a pleasant voyage was delighted to find myself once more with my good friends in the City of Brotherly Love. The only unpleasant feature about my trip was the request from the chairman of the Essay Committee (Mr. Watson) that I should prepare and read a paper before your club on "European Notes," and tell you what I saw across the water. Of course, I find since my return home, that there was more which I did not see than that I did see. If this paper is not all that you expected to hear and has not interested you, do not blame me, but fix the blame on Mr. Watson, who is entirely responsible.

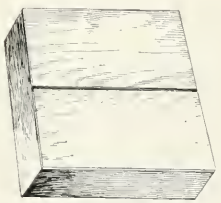
OUR PRIZE COMPETITION.

Following is another batch of entries in our prize competition in labor saving devices or methods useful to florists:

No. 21. For Washing Palms.

No. 21 is for washing palms, dracaenas, etc. It is a finger and thumb made of chamois skin, with a string attached to fasten it around the wrist. Dip the finger and thumb in the water or solution to be used, take hold of the leaf near the stem, thumb above and finger below, and draw the hand out to the end of the leaf. In this way you can remove all scales and dirt from the leaf much quicker than with a sponge. You can hold the leaf with one hand and wash with the other.

I.



No. 22. Device for Cutting Paper.

No. 22 is a simple but valuable device for cutting newspapers, etc., into sizes useful for wrapping plants taken out of pots for shipping. It is a box two feet square and four inches deep, with a space a quarter of an inch wide sawn out across the middle of the bottom. Lay the paper upon the box with the place where it is to be cut, over the open slit. Then with a thin-bladed knife cut the paper across through the opening. A pile of paper one-fourth to one-half inch thick can

be cut through easily and quickly. We consider this the most useful labor-saving device we have on the place.

J.

THE FLORISTS' REVIEW

G. L. GRANT, EDITOR AND MANAGER.

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NEW YORK.

The Market.

"Coming events cast their shadows before." That's what the wretched-looking, half-developed chrysanthemums and violets which are exhibited in some of the Broauway stores seem to want to tell us; and when we come to look at matters in a clear light, it is simply absurd how even the most intelligent of us hasten to chronicle the first appearance of these flowers. We don't seem to give them time to show their colors, and the high prices asked for them as novelties do more harm than good.

Chrysanthemums are late this year, and there are not nearly so many of them grown as there were last year, for which fact many are thankful. Many of the houses formerly devoted to mums are now filled with Boston ferns and palms, great quantities of which are destined for the auction rooms and from there to the peddlers' wagons. Growers who dump cheap, rubbishy palms on the New York market are injuring the plant trade enormously. To say that much of the palm stock seen on peddlers' wagons here is more like bunches of grass than palms is merely half-way description, and the Lord only knows how long they live; 'twere better they never existed.

Very few of our wealthy people have returned to their city residences yet; the weather is too fine and the country homes too charming to think of resuming city life, and the prospects of an immediate change are very dim. This is partly the reason why lovely Cattleyas are going begging at the unprecedented price of 20 cents; there are lots of them on the market at present. It's a great pity; we can hardly ever get them when we want them. Roses can still be bought at one's own figures. Good carnations are scarce and valley is on the flood-tide again. Dahlias are on top for the time being and you can "get your money's worth" from them.

News Items.

Rudolph Jahn has opened a florist's store on Forty-second street, near Sixth avenue, and Joseph Flanden contemplates opening a retail store on Broadway, near Thirty-seventh street.

H. de M. Bodmer has taken charge of the flower and plant department in Wanamaker's dry goods store, Tenth street and Broadway. H. Daeker, formerly bookkeeper for Thorley, is now holding a like position with Fleischmann.

Recent visitors: Alexander Young, superintendent for John Wanamaker, Philadelphia; Charles D. Ball, Holmesburg, Pa., and J. F. Sullivan, Detroit, Mich.

Club Notes.

The New York Gardeners' Society will meet at 64 Madison avenue Saturday, October 8, at 8 p. m. The society is invited to attend the flower and fruit show at the Academy of Design the same evening.

The New York Florists' Club will meet at 19 West Twenty-seventh street on Monday, October 10. Mr. E. V. Hallock, who has just returned from an extended tour of Europe, will give a talk on "Impressions Abroad." This will be very interesting and a large meeting is looked for. A bowling club will no doubt be organized at this meeting.

Exhibition at Academy of Design.

This is the second and last week of the show at the Academy of Design. Among the new attractions for this week are a superb collection of 119 varieties of pears, exhibited by Ellwanger & Barry, Rochester, N. Y. We feel safe in saying that a finer display of pears has never been seen on this continent, and in the class calling for twenty-five varieties, this firm receives first prizes. H. Jeroloman, Hilton, N. J., wins first for ten varieties of pears.

George E. Boggs, Waynesville, N. C.; H. Jeroloman, the Eastern New York Horticultural Society, State Experimental Station, Geneva, N. Y., and W. S. Teator, Red Hook, Dutchess county, N. Y., make splendid displays of apples. Mr. Teator shows fifty varieties, among which is a pretty new red winter apple called "Pride of the Hudson."

Wm. Duckham, Madison, N. J.; Wm. Turner, Tarrytown, N. Y., and Julius Roehrs, Carlton Hill, N. J., exhibit tables of grand decorative plants. Messrs. Duckham and Roehrs have extra fine cattleyas in their group, and Mr. Turner's crotons are magnificently colored.

F. R. Pierson Company shows new cannas and dahlias.

Perhaps finer or more interesting displays of cut flowers have never been shown than those exhibited by A. Herrington, Madison, N. J., J. Dowlen, and Geo. H. Hale, both of Sea Bright, N. J. These three exhibits fill several hundred vases with as many varieties of flowers, filling a large room by themselves, and are an object lesson to any learned man.

W. Brennecke, Evergreen, L. I., displays a group of well-grown geraniums. Lehing & Winnefeld, Hackensack, N. J., put up a bench of remarkably well grown cyclamen.

In the rose classes, L. M. Noe, Madison, N. J., and F. R. & P. M. Pierson, Scarborough, N. Y., are even on American Beauty. Pierson's vase of Meteors are grand, and F. Boulon, Sea Cliffe, L. I., exhibits a vase of handsome out-door grown roses and many varieties of carnations.

H. A. Dreer, Riverton, N. J., shows a beautiful new ageratum called Princess Pauline.

PHILADELPHIA.

Cut Flower Trade.

Cut flower business continues to improve with prices about the same as one week ago. The quality of the stock offered has fallen off a trifle, not seriously, through the warm weather of the past few days. The same summery influence has increased the quantity, but most of the growers are holding this floriferousness of their plants in check by fierce disbudding.

Joseph Meacock sums up his impressions of the September rose market in this way: Prices a little lower than in 1897, but volume of business larger; results satisfactory. This is a very fair view of the situation. Prices in September, '97, were better than for the same month of '96.

Chrysanthemums have come. Geo. E. Campbell sent in a few white (?) Lady Fitzwygram to W. J. Baker Thursday of last week. They were promptly seized by Robert Kift, who is aptly termed the "Thorley of Philadelphia," because if there is anything good in sight he always wants it—and horne off in triumph. The consideration, we are told, was 75 cents for six.

Plant Trade.

The plant trade continues to be exceedingly active. William K. Harris and Robert Craig & Son have each sent a carload of assorted decorative stock over to New York to be sold at auction on Tuesday of this week by William Elliott & Sons. Mr. Craig notices an improvement over last year in his sales of this class of plants. The store men in this city, who take boarders in their conservatories, are not yet buying many plants, and will not until their customers return to town later in the season.

Charles D. Ball found a slight falling off in the palm sales for August over a year ago, but for September there was an increase of 33 1-3 per

cent. The demand was especially brisk in medium sized kentias, arecas and latanias in from 6 to 8-inch pots. Until the last two weeks of the month the specimen arecas hung, but then they, too, began to move, probably in anticipation of October weddings. Pandanus Veitchii and utilis, Cocos Weddeliana and Livistona rotundifolia have been in good demand.

Mr. Ball considers the outlook most encouraging and believes there will be no overstock of good palms. He thinks 6-inch latanias will soon be scarce and believes kentias of about the same size may also be somewhat rare a little later. This is saying much for business when the quantity grown around this city is considered.

E. W. Redfield, fern specialist, reports September business in ferns as better than one year ago. The improvement is in what are called the legitimate channels. That is to say, the department stores are not handling small ferns to any extent. He notes a falling off in price of Boston fern; they are, however, in brisk demand; a good demand for N. cordata compacta, which is very satisfactory to customers and firm in price. The fernery size, 3-inch, is active. P. Mayii, P. tens., A. scutum, go best; then P. major, P. albo-lineata, P. argyrea, P. serrulata cristata, P. s. c. nana compact, A. variegatum, Lastrea erythrosorum, Cyrtomium falcatum, A. Balli, and Onychium Japonicum. Shortage noticed in A. cuneatum in 2 and 3-inch pots. Same variety in 4-inch sold well; also Lomaria Gibba, same size, for specimens. Mr. Redfield feels unusually hopeful of a good season.

The tide of business activity has not yet reached one or two of the palm and fern growers, but it will surely be only a question of time.

Business Change.

Wm. C. Smith has moved into much larger quarters at 1604 Ludlow street, and after October 1 the store will be kept open till 8 p. m. J. W. Y.

BOSTON.

Review of the Market.

The business, both at the market and among the wholesalers, still continues to be very good for this time of the year, and outside of roses there is no surplus of any kind of stock. Carnations from out-of-doors are deteriorating in quality and are not over and above plenty, while as yet very few are from inside the house. Asters are all gone, while the stock of odds and ends is of good value.

Quotations for the week are: Roses, Brides and Maids, from $2 to $4 per hundred; Kaiserins, which have been a leader all summer, still hold at $8; Beauties are in ample supply; prices the same as last week. Carnations are good property, $1.50 per hundred being the lowest selling price, and for poor quality of Fishers and McGowan; colored, mostly Scotts and Portia, bring from $2 to $2.50. George Cartwright, of Dedham, is bringing in Flora Hills and Bradts, selling them readily at from $3 to $4.

Wm. Nicholson, of Framingham, is the first grower to bring in chrysanthemums, cutting his first dozen on September 22, while Elijah Cartwright is a close second, September 26; both with variety Lady Fitzwygram; price $3 per dozen.

There are still quite a few tuberoses and gladioli, which sell at last week's quotations, and, outside of a little candy tuft, the market is rather bare of odds and ends.

News Items.

The Mass. Hort. Society held its annual meeting on Saturday, October 1, and elected officers and appointed its committees for the ensuing year.

G. B. Redican & Co., doing business as retail florists under Hotel Thorndike, Boylston street, have failed, and are trying to effect a compromise with their creditors.

The annual meeting and banquet of the stockholders of the Boston Co-operative Flower Growers' Association took place on Saturday evening, October 1, there being about thirty-five of the prominent growers present, with representatives of the floral press as invited guests. The banquet, which was given at Young's Hotel, was a very enjoyable affair, and during the intermission preceding the business meeting President Stickel called on Messrs. Elliott, of Brighton, and Nicholson, of Framingham, who entertained the company with interesting comparisons of western growers and methods and those nearer home.

Mr. A. N. Pierce told of his visit to the flower market, while in Cincinnati during the G. A. R. convention. After a few remarks from other growers and invited guests, the members proceeded to the business of the evening and elected the old board of directors, with W. C. Stickel as president and George Cartwright as secretary and treasurer. The writer conveys his thanks to the board of directors and the officers for their kind invitation to be present, and they have his best wishes for their continued success.

P.

ST. LOUIS.

The Market.

Trade continues to improve, it being spasmodic, however. Prices gradually improved the early part of the past week, but by the latter part stock of all kinds was so plentiful that good stuff could be bought for almost any price and the fakirs who are with us again stationed on all prominent corners, are selling good roses, carnations and even violets at a very low price, and some of the down town florists have fallen in line with them in selling cheap.

All varieties of roses are improving in size and color. Good long Beauties are always in demand at a good price, but shorts have little sale. Brides, Meteors, Maids, Perles and Woottons are abundant and only the very best are being sold at from $2 to $3; others go at $1 per 100 and 1,000 lots even cheaper.

Carnations are coming better and will be fine from this time on. Some growers are now sending in first class blooms and from the aspect of the market they will be plentiful from now on until Christmas; present price $1 per 100, the bulk being sold at 50 and 75 cents. Cosmos is now in and sells for 50 and 75 cents per hundred and not over plentiful.

The first chrysanthemums of the season were seen last week, but only in limited quantity. By next week we expect to see a great many of them on the market. The trade seems hungry for them but as usual will soon be overloaded.

The few violets arriving are very small and hardly salable; price 25 cents per 100.

Notes.

Tomorrow (Tuesday) is the annual Veiled Prophets' ball, and as usual will use up a great amount of stock, mostly Beauties, and many roses and carnations as well.

This is the opening day of our great fair, which is usually a busy week for all. Perhaps all the surplus will be used up this week.

The decorations at the Veiled Prophets' ball are being done this year by the Riessen Floral Co., and Eddie Buechel is expected to ontdo himself on this occasion. Hustling Eddie (as he is known among his many friends) is surely equal to the task.

Bob Tesson is a very busy man now a days in looking after his large plant in West Forest Park and three stores, all on Olive street. The store at 625 Olive street is in charge of Mrs. Wm. Ellison; the one under the Century building, 9th and Olive, is run by Arthur Ellison and the store at 3134 Olive street is in charge of Mr. Wm. Ellison. The style of the firm is Ellison & Tesson.

John Young, John Kunz, Fred Weber and Doc Helwig are becoming experts at billiards. They play every Friday night at John Young's elegant home in the West End.

The St. Louis Cut Flower Co. moved into its new quarters at 1322 Pine street. This is much larger than the old location, and will give them more room to display their consignments. It is said that an opening will soon be given with lunch and cigars.

Pheiffer and Rotler have opened a new floral store at 1300 Washington

avenue. Both proprietors are ladies. Mrs. Rotler was formerly in business on Cass avenue and Mrs. Pheiffer is new in the business.

Club Items.

The executive committee of the chrysanthemum show will meet this week on Saturday night to complete the official program. All the different committees are hard at wark shaping things for the show, which is only five weeks off.

The members of the Florist Club should not fail to attend the next meeting. All members will be notified by our secretary, as this will be the last meeting before the show and the executive committee will need the assistance of all members at the show.

A vote will also be taken on holding the meeting in the afternoon or at night. It will take a full vote, as the members are about equally divided on this question. Our ex-president has promised to tell us all about the Belleville street fair, and it will be worth your time to come.

Visitors in town are: J. D. Carmody, Evansville, Ind.; Mr. Johan, Collinsvine, Ill., and M. J. Kern, Toledo, O.

Bowling.

At the Bowling Club's roll Monday night Mr. Duncan Finlason became a member and Mr. John Young resigned as treasurer and also his membership. We rolled four games, in which eight members took part. The scores were as follows:

	1	2	3	4	Tot.	Av.
C. C. Sanders	170	123	148	189	630	160
J. J. Benek	123	154	156	165	598	150
C. A. Kuhn	126	158	143	144	561	140
D. Finlason	121	142	151	161	546	137
E. Schray	143	115	122	149	529	132
J. W. Kunz	117	120	100	157	484	120
R. F. Tesson	106	109	129	121	465	116
F. J. Fillmore	107	92	115	105	419	105

J. J. B

CHICAGO.

The Market.

The stretch of dark rainy weather has had a bad effect on stock and a great deal of it is very soft. The supply is ample in quantity except Beauties and Meteors. Carnations have been received in enormous quantities and the poorer grades have been sold at very low rates. The majority seem to be moved, though, at some figure. Of really good stock there is none too much and it is often difficult to secure any quantity. The weather seems to have been especially hard on Meteors and Beauties, the former having dropped off in quality to a very marked degree. Kaiserins hold up very well.

Prices vary but little from last week. Beauties are now quoted as follows, per dozen: Extra long, $3; 24-inch stem, $2; 20-inch, $1.50; 15-inch, $1; 10-inch, 75 cents; 6-inch, 50 cents. Brides, Kaiserin and Meteors are $2 to $4; Perles, $1.50 to $3. Carnations range from 75 cents to $1.00 for good common and under grades and large lots go at much less. Fancy sorts range from $1.25 to $1.50, and some specials as high as $2 to $3, though but very few are sold at the top figures.

The market has been well cleared out of good stock, the veiled Prophets' ball at St. Louis having helped demand materially. If the present

(Continued page 494.)

GREEN-HOUSE CONSTRUCTION.

This has been a specialty with us for many years and to us is due the credit for many of the great improvements that have been made in the construction of wooden green-houses. To those that buy our

Clear Cypress Building Material

we furnish, free of cost, complete detail drawings from which any intelligent workman can put up the material correctly. We have plenty of time to write letters ABOUT OUR BUSINESS, and we will be glad to hear from those contemplating building.

Write for Circulars or Estimates.

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WANT ADVERTISEMENTS.

WANTED—TO RENT—At once, in Chicago, one large greenhouse in perfect condition, for the storage of palms and other decorative plants; must be within the city limits. Address Immediate, care of Florists' Review.

SITUATION WANTED—A young man, 21 years of age and single, desires position in cut-flower store or greenhouses in or near Philadelphia; 7 years' experience in both; best of reference. Address H. C. H., care of Florists' Review.

SITUATION WANTED—By single man, German; 16 years' experience in greenhouse and outside culture; good working florist; volunteer 1st. Penna Regt. Address Leo Nicssen, 17 No. Juniper St., Philadelphia.

WANTED—An expert grower of tea roses as well as Beauties and carnations, to take full charge of commercial place of a dozen houses. Married man preferred. Don't apply unless you are as good as the best and will risk some of your own money as a guarantee for your successful management. Everything in first class order. Very liberal salary. State references and experience. Address Lock Box No. 262, Chicago.

SITUATION WANTED—As foreman, by a first class grower of roses and cut flowers; only a first class place wanted; good wages expected; best of references; open for an engagement now or any time later. Address Grower, care of Florists' Review.

SITUATION WANTED—By competent man with 22 years' experience, position as foreman in good establishment. Address Alex, care of Florists' Review.

FOR SALE—A Bargain—Three greenhouses, 3,700 feet of glass, with office, city water, telephone; centrally located in city of over 6,000 inhabitants; well stocked with roses, carnations mums and pot plants; doing a paying business; immediate possession given. Address H. D. Caldwell & Co., Paris, Ill.

FOR SALE—Second-hand Devine hot water boiler, 9 feet long, 23 flues; will sell cheap for cash. Address A. Peterson, Oak Park, Ill.

SITUATION WANTED—By a middle-aged Danish gardener (single), in greenhouse or nursery. Address D., care Florists' Review.

SITUATION WANTED—As foreman or grower in good sized place; 15 years experience in every line of the trade; roses and carnations a specialty, including Am. Beauties; age, 30 years and married; best of references. Address S. S., care Florists' Review.

WANTED—A man that is capable of taking charge of 100,000 feet of glass, growing tea roses. Must be No. 1 in growing. Good wages and steady employment. Bassett & Washburn, Hinsdale, Ill.

FOR SALE—Four greenhouses, nearly new. Good retail stand. A. CLAUS, Springfield, Ill.

FOR RENT OR SALE—First class retail stand, 5,000 feet of glass. New. In city. Ought to net good man at least $3.00 per day. Must buy stock, about $500.00. Reason for selling, failing health. Address "Illinois," care Florists' Review.

SITUATION WANTED—By expert grower of plants and cut flowers. Competent in every department. Seeks a situation where he may have a chance to make his services worth more than in his present place. Can surely advance his employer's interests if given suitable opportunity. Address S. D., care Florists' Review, Chicago.

WANTED—Young man as assistant in retail florist store. Must have a general knowledge of the florist business. Address, with references, H. F. Halle, 548 West Madison Street, Chicago, Ill.

Wanted To buy a good second-hand hot water boiler, capable of heating about 1000 feet of 4-inch pipe. Apply, stating price,

JAMES MORTON, Clarksville, Tenn.

WANTED FOR CASH.

Palm Seedlings or Young Palms—1000 Kentias, 5000 Arecas, 10 0 Pandanus Utilis 10 Veitchii. Address Palms, care Florists' Review

Situation Wanted...

As foreman of either commercial or private place; thoroughly competent in every particular; 20 years experience; best of reference from last employer; married. Address

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GLASS

15 boxes **Double Thick** A, 16x22, $3.25 per box. 100—8x6 Sash (with 10x12 single thick glass). Take the 100 sash away for $75.00.

Above offers only to those who can come with cash and take away the goods.

J. D. RAYNOLDS, Riverside, Ill.

Palms

ARECA LUTESCENS,
COCOS WEDDELIANA,
KENTIA BELMOREANA,
LATANIA BORBONICA.

For Sizes and Prices See Florists' Review, September 29th, Page 477.

Joseph Heacock, Wyncote, Philadelphia, Pa.

Mention The Review when you write.

Insurance! ARE YOU INTERESTED?

For Hail and Fire Insurance see advertisements elsewhere in these colums.

To **Insure Success in the Cut Flower Business** write

E. G. AMLING,

W. S. HEFFRON, Manager.

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Pittsburg Cut Flower Co., Ltd.

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Long Distance Telephone 2157. Consignments of Choice Stock solicited.

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LONG'S Stationery for Florists.

New Ideas, including ANNOUNCEMENTS, BLOTTERS, CARDS, LETTER HEADS, CUT FLOWER TAGS, Etc., Etc.

Five Samples 5c in stamps. Twenty-five Samples, 20c.

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Nice plants, ready for three and four-inch jars, $2.00 per hundred. Cash with order.

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Orders should be placed NOW for

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Brilliant Green and Bronze Green are ready. Bronze about last of October. Information free of leading Wholesalers, or the Introducer.

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Prop'r Highlands Nursery in North Carolina.

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Asparagus Sprengerii, strong plants, 3½-in. 75c doz., $3.00 a 100

Swanley and Farquhar Violet Clumps,	4.50 "
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Blue Spirea and Weeping Lantana, 2½-in. pots,	30c doz., 2.00 "
English Ivy, 1 year field plants,	4.00 "

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BECAUSE ALL STOCK OFFERED IS IN A-1 CONDITION.

Roses, Maids, Brides, 4-in., $7.50 per 100. Meteors, Maids, Brides, Perles, Niphetos, 3 in., $5.00 per 100.

Carnations, Field-Grown, ready now. Daybreak, Scott, McGowan, Jubilee, Rose Queen, Helen Kellar, at $5.50 per 100, or $50.00 per 1000.

Violets, Marie Louise, field-grown, ready now, $5.00 per 100, or $40.00 per 1000.

Rubber Plants, Ficus Elastica, Plants in 5-in. pots, at $5.00 per dozen.

Begonia Rex, 4-in. pots, $20.00 per 100.

WM. F. KASTING,

495 Washington St., BUFFALO, N. Y.

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Write for Prices.

FANCY DAGGER

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Oldest, largest and most reliable dealer in the U. S. HINSDALE, Mass.

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Below Wholesale Prices to Close Out Quickly

We offer superior quality **White Freesias** delivered free by mail or express anywhere in United States of America.

Extra Selected Bulbs, $4.50 per 1,000, 5,000 for $20.00

First Size Bulbs, - $3.25 per 1,000, 5,000 for $15.00

New Crop SMILAX SEED, 25c per ounce, $2.50 per lb.

Send order now with cash to

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Ornamental Shrubs,

HERBACEOUS PERENNIALS.

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Write for prices on car lots.

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CHICAGO (Continued).

dark weather continues a shortage may develop. A few good violets are making their appearance.

Various Notes.

The meeting of the Florists' Club Friday evening of this week promises to be unusually interesting. Mr. E. Buettner will tell the members about his trip abroad and after adjournment the bowlers will organize a regular bowling club.

Henry Klehm, of Arlington Heights, recently took unto himself a wife. Congratulations!

A. L. Randall is putting in a full stock of florists' supplies and is preparing to push the supply business with vigor.

Referring to the use of terms descriptive of market conditions Mr. E. E. Pieser, of Kennicott Bros. Co., says that "first class" stock means the best that is to be had in the market at the time and is not a fixed degree of excellence. The buyers make the demand and the first buyer gets the first selection. There is then one less buyer and therefore a fraction less demand, and the "first class" stock is a fraction lower in grade. In consequence the second buyer may have to be given a trifle lower rate to induce him to buy. Still both have bought "first class" stock, namely, the best to be had in the market at the time each made his purchase.

John C. Schubert and A. Lange went to Omaha last week with the Merchants' Club to attend the exposition on Chicago day.

Burt Eddy, the well known and popular traveling representative of Vaughan's Seed Store, died at his home in Chicago the evening of September 27, aged 54 years. Mr. Eddy was a big man, both physically and mentally, and had a genial personality that made him a host of friends. He was known to the trade from one end of the country to the other and was universally esteemed.

Frank Ben, formerly with Bassett & Washburn, has bought the greenhouse business of Keller & Hitzler at Irving Park. He will grow both cut flowers and plants for the Chicago market. He may build additional houses next summer.

Mr. Alex Galt Robinson, of the Louisville Spirit Cured Tobacco Co., was a visitor last Friday.

Walter Kreitling visited Omaha again on Chicago Day, October 1. He

(Continued page 496)

M. RICE & CO.
EXCLUSIVE IMPORTERS AND MANUFACTURERS .....OF
Florists' Supplies
25 N. 4th St., PHILADELPHIA, PA.
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600,000 FEET OF GLASS.
WHOLESALE GROWERS OF CUT FLOWERS.
We can fill all orders on short notice with all leading varieties of Roses and Carnations. We are headquarters for fine AMERICAN BEAUTIES. Give us a trial and convince yourself.
Write for Prices on CARNATION PLANTS.
51 Wabash Avenue, CHICAGO.

Bassett & Washburn
88 Wabash Ave., CHICAGO, ILL.
Wholesale Growers of and Dealers in CUT FLOWERS
Greenhouses at Hinsdale, Ill.

W. E. LYNCH,
...Wholesale Florist...
The right kind of stock, packed in the right way, delivered at the right time, and at the right prices.
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Telephone 1496
Wholesale Florist
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In our new and enlarged quarters we are better prepared than ever to handle your orders.

Full Line of Wire Designs and Florists' Supplies
S. B. WINTER
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Write for Illustrated Catalogue.
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HIGH GRADE Cut Flowers
Properly Packed and Promptly Forwarded.

WHOLESALE GROWER OF ROSES. DEALER IN CUT FLOWERS.

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Cincinnati Cut Flower Co.
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4th and Walnut Sts. CINCINNATI, O.
Wholesale Florists
Consignments Solicited.
Special Attention Given to Shipping Orders.

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Wholesale Florists And Florists' Supplies.
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SUCCESSORS TO Rogers Park Floral Co.
WHOLESALE GROWERS OF Cut Flowers
All telegraph and telephone orders given prompt attention.
51 Wabash Ave. - CHICAGO.
Mention Florists' Review when you write.

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Wholesale Florists,
47 WABASH AVE., CHICAGO.
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Telephone .....Main 3208
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WHOLESALE CUT FLOWERS AND FLORISTS' SUPPLIES
88 and 90 Wabash Ave., - Chicago

C. A. KUEHN WHOLESALE FLORIST
Cut Flowers and Florists' Supplies.
Manufacturer of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.
1122 PINE STREET, ST. LOUIS, MO.

ST. LOUIS CUT FLOWER CO.
Wholesale Florists
E. H. MICHEL
1322 Pine St., St. Louis, Mo.
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...LOUISVILLE...
Florists' Supply and Exchange
Wholesale Florists and dealers in Florists' Supplies
Special facilities for shipping south. Unequaled returns for good stock. Open night and day.
520 W. Jefferson St., Louisville, Ky.
Mention The Review when you write.

KENNICOTT BROS. CO.

Wholesale Cut Flowers...

AND FLORISTS' SUPPLIES.

Long Distance Telephone Express 466.

88 Wabash Avenue, Rooms 22 and 23, **CHICAGO, ILL.**

WE are the Oldest and Largest House in the West, and are still growing. For the season of 1898 and 99 our facilities are better than ever before to handle all orders satisfactorily. We will control the output of a half more glass than last season, and you can depend on us to fill your orders at all times with the very best the market affords, at reasonable prices.

UNDER THIS DATE, OCTOBER 6, WE QUOTE AS FOLLOWS:

P. AND D. AT COST.		PER 100
AMERICAN BEAUTIES,	long	$15.00 to $20.00
" "	medium	10.00 to 12.50
" "	short	5.00 to 6.00
BRIDES, METEORS		2.00 to 4.00
MAIDS		2.00 to 4.00
PERLES		2.00 to 3.00
ROSES, our selection		2.50
CARNATIONS, common		.75 to 1.00
" fancy		1.25 to 1.50
TUBEROSE "SPIKES"		3.00 to 5.00

P. AND D. AT COST.		PER 100.
ADIANTUM		$0.60 to $1.00
SMILAX		10.00 to 12.50
FERNS, common		.20
" "	per 1000	$1.50

WRITE FOR SPECIAL QUOTATIONS ON LARGE LOTS OF CARNATIONS.

Above prices subject to change without notice. All Flowers in season at lowest market rates. FLORISTS' SUPPLIES and WIRE WORK a specialty. On WIRE GOODS we can discount OUR OWN OR ANY OTHER LIST. Write for particulars. Store open week days until 6.30 P. M. Sundays and Holidays until noon only.

Respectfully yours,

KENNICOTT BROS. COMPANY.

See Our Price Lists in Trade Papers.

Mention The Review when you write.

CHICAGO (Continued).

went on the Chicago Board of Trade special train and decorated the two diners with roses, carnations and smilax. At Omaha all the florists were busy and flowers were scarce. Hess & Swoboda had a $500 decoration down town and a $_.0 decoration at the Illinois state building at the Exposition. The Omaha florists all sent regards to Chicagoans.

Recent visitors: Frank Stuppy, St. Joseph, Mo.; W. A. Reiman, Vincennes, Ind.; James A. Wilson, Milwaukee.

Bowling.

Following are the scores and averages made at the alleys last Friday evening. In his third game C. S. Stewart promised to break all records, making a strike each time in the first five frames, but on changing alleys in the middle of the game he lost his grip and made a total of only 184.

	1st.	2nd.	3d.	4th.	Av.
E. F. Winterson	164	167	128	...	156
J. S. Wilson	142	165	173	151	152
John Zech	149	151	145	146	147
G. L. Grant	157	137	125	152	145
Jno. Degnan	126	134	140	141	135
W. Kyle	133	113	114	...	120
S. Sneleker	116	111	159	...	128
C. S. Stewart	96	116	184	...	122
W. J. La Grotte	116	96	110	...	107
J. C. Vaughan	85	112	...	...	98

HUNT'S REVIEW OF THE CHICAGO MARKET.

"Carnations seem to be coming in," was the comment made by nearly every retailer who made the rounds last week. The commission men did not need to be told this, and it seemed to them much like the "is this hot enough for you" that one hears all along the line on a warm summer day.

Well, the carnations come from everywhere, good, fair and bad quality, there being a preponderance of the fair and bad, however. The fancy stock sold well, the rest remained mostly on the tables. Some whites were worked off for use in funeral work, but all shades of pink suffered greatly.

One of the greatest changes in the quality of roses has occurred during the last few days that was ever known in this market. Whether the few warm days are responsible for it or not I don't know, but the percentage of good first quality buds is woefully small. Perle shows the least change, but they are not wanted. Maids and Brides, fit to ship, are scarce, while Meteors are extremely hard to get. Beauties also have shortened up, and all good blooms are cleaned up at fair prices.

DAMAGE BY LIGHTNING.

On Aug. 23 the greenhouses of Jos. Bancroft, Cedar Falls, Iowa, were struck by lightning, demolishing the chimney and necessitating rebuilding of same from bottom.

Lightning struck the greenhouses of J. C. Vaughan at Western Springs, Ill., Sept. 13, damaging the chimney and injuring the roof.

Both were insured in the Florists' Fire Insurance Association and losses were promptly settled.

JADOO.

The judges who awarded the gold medal to Jadoo at Shrewsbury, England, were Mr. Outram, F. R. H. S., of Moon Park, Fulham, London, and Mr. Ranger, of R. Kerr & Son, Aigburth Nurseries, Liverpool.

SAMUEL S. PENNOCK,
Wholesale Florist,
LONG DISTANCE TELEPHONE
1612-14-16 Ludlow Street, ...PHILADELPHIA, PA.
Mention The Review when you write.

EXTRA HEAVY CLEAN ...STOCK...
Kentia Belmoreana
6-in., 5 to 7 leaves, $15.00 to $24.00 per dozen.
5-in., 5 to 6 leaves, $12.00 per dozen.
Kentia Forsteriana
6-in., 5 to 6 leaves, $12.00 to $18.00 per dozen
5-in., 4 to 5 leaves, $ 9.00 to $12.00 per dozen.
Field-Grown Carnations
A fine lot will be ready for Sept. delivery.
THE COTTAGE GARDENS,
QUEENS, N. Y.
Mention Florists' Review when you write.

PALMS, ROSES and CARNATIONS.
LATANIA PALMS from 4 and 6-inch. Very cheap Write for prices.
CARNATIONS — McGowan, Scott and Emily Pierson, $4.00 per 100.
ROSE PLANTS Very strong and healthy, Bride, Bridesmaid, Perle and Meteor, 3 and 4-inch, $3.00 and $5.00 per 100.
BROWN & CANFIELD, Springfield, Ill.
Mention Florists' Review when you write.

Areca Lutescens.
Three plants, 24 to 30 inches above pot, 6-in., $12.00 a dozen.
Also a few specimens 4 to 5 feet above 8 and 9-inch pots.
JOHN WELSH YOUNG, Germantown, Pa.
Upsal Station, Penna. R. R.
Mention Florists' Review when you write.

VIOLETS
200 California, the finest field-grown, $3.00 per 100
Finer than Silk. Come Quick. Cash.
McDONALD & STEELE,
109 S. Washington St. CRAWFORDSVILLE, IND.
Mention The Review when you write

Strong, Field Grown Plants.
SMILAX PLANTS, $1.50 per 100, $14.00 per 1000, sample 5 cents
Vinca Var., $1.00 per 100; two years old $8.00 per 100.
Hydrangea Otaksa, for 9-in. and 10-in. pots, 20 to 25 cents each.
Smilax, 2½-in. pots, $1.00 per 100.
Cash with order. Dann & Son, Westfield, N. Y.
Mention The Review when you write.

Mention The Florists' Review when writing advertisers.

GIVE US A TRIAL WE CAN PLEASE YOU.

ROSES, CARNATIONS, and All Kinds of Seasonable Flowers in stock.
WM. F. KASTING, Wholesale Commission Florist,
495 Washington St., BUFFALO, N. Y.
Also Dealer in Florists' Supplies and Wire Designs.
Mention Florists' Review when you write

WM. J. BAKER,
WHOLESALE CUT FLOWERS,
1432 S. Penn. Square, PHILADELPHIA, PA.
Original Headquarters for CARNATIONS.
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WM. C. SMITH
Wholesale Florist,
1604 Ludlow St. PHILADELPHIA.
LONG DISTANCE PHONE.
Consignments of Choice Stock Solicited.
Our central location enables us to fill out-of-town orders at short notice.
Mention Florists' Review when you write

H. Bayersdorfer & Co.
THE LARGEST SUPPLY HOUSE IN AMERICA
New Catalogue of all Florists' Supplies on application. For the trade only.
50 to 56 N. 4th Street, PHILADELPHIA, PA.
Mention Florists' Review when you write.

The Morris Floral Co.
MORRIS, ILL.
Wholesale Growers of Geraniums, Begonias, Heliotropes And Other Seasonable Plants.
100,000 now ready from 2¼-in. pots, at $2.00 per 100. Send for price list now ready.
Mention Florists' Review when you write.

Always mention the Florists' Review when writing advertisers.

We can take on a few more consignors of **GOOD FIRST GLASS ROSES.** We want more stock for our shipping trade, and for stock that we can use for that purpose we can make satisfactory returns.

E. H. HUNT, 76-78 Wabash Avenue, **CHICAGO.**

Mention Florists' Review when you write.

HUNT'S WEEKLY QUOTATIONS

Taking effect Thursday, Oct. 6, 1898.

Subject to Change Without Notice.

We are Headquarters for CUT FLOWERS.

ROSES.

Good stock scarce.

Beauties, long	per doz.,	$2.00—3.00
" medium	"	1.00—1.50
" short	"	.50—1.00
Brides	per 100,	3.00—4.00
Kaiserin	"	4.00—5.00
Maids	"	3.00—4.00
Meteors	"	3.00—4.00
Perles	"	2.00—3.00
Our selection	"	2.00

CARNATIONS.

Selected Stock	per 100,	$1.00—1.50
Good	"	.75—1.00

GREENS.

Asparagus	per string,	$ .50
Ferns—Adiantum	per 100,	.75
Common Fancy	per 1,000,	1.50
Smilax	per doz.,	1.25—1.50
Wild Smilax, can supply on 4 days' notice. Large case		$8.00
Medium		5.50
Parlor Brand		3.75
Galax Leaves, green, $2.00 per 1000.		

MISCELLANEOUS.

Chrysanthemums	per doz.,	$1.50—3.00
Callas	"	1.00—1.50
Valley	per 100,	5.00
Tuberose Stalks	"	6.00
Ivy Leaves	"	.60
Alyssum	"	.15

HUNT'S FLOWERS GO EVERYWHERE.

☞ Special Attention given to the Shipping Trade.

LIL. LONGIFLORUM, very scarce.

We offer until sold: 5x7, per 100, $1.50; 6x8, per 100, $2.50; 7x9, " 4.50. Fine stock Hyacinths, Tulips, Narcissus. Send for prices.

Fresh Aralia Sieboldi Seed, beautiful decorative plant, per 100 seeds, 25c; per 1000 seeds, $2.25, delivered. A fine lot of Calla Ethiopica, to clear stock:—sound center shoots, 3x5, per 100, $3.00; 4x6, per 100, $5.00. Pansy Seed, choicest Giant, 1000 seeds, 25c. Cyclamen Giganteum Seed, per 100 seeds, 75c. Address

H. H. BERGER & CO., 47 Barclay St., NEW YORK.

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PANSIES Worth Raising.

Excellent Seed.

3-16 oz., $1.00; 1 oz., $4.00. Up in 8 to 10 days if properly treated. **Fine Stocky Plants,** $4.00 per 1000. F. O. B. express. Cash with order.

C. SOLTAU & CO.,

199 Grant Ave., JERSEY CITY, N. J.

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GEO. A. KUHL,

Wholesale Cut Flowers, Roses and Carnations

PEKIN, ILL.

Mention The Review when you write.

SEND IN your order now for a copy of The Florists' Manual, by William Scott. It will cover the whole field of commercial floriculture and will be the standard work of reference for the trade. Price $5.00.

The Boston Fern

All sold out on largest size—$1.50 each.

Can supply at 50c, 75c and $1.00 each fine specimen plants for 8 and 10-inch pots. Smaller, but from bench, at 20c for 5-inch, 25c for 6-inch pots. Large Stock. Very Fine. Low Prices for Good Goods.

L. H. FOSTER, 45 King Street, DORCHESTER, MASS.

Mention Florists' Review when you write.

REED & KELLER,

122 W. 25th St., NEW YORK CITY.

Manufacturers of and Dealers in **WIRE DESIGNS**

FLORISTS' SUPPLIES

Mention Florists' Review when you write.

Live Sphagnum Moss

For Orchids, etc., $1.25 per bbl.

Sphagnum Moss First quality, 85c per bale, 10 bales $6.00.

Peat $1.20 per bale, quality A No. 1.

Z. K. JEWETT & CO.,

SPARTA, - - WISCONSIN.

Mention Florists' Review when you write.

Dracæna Indivisa,

Strong, full grown plants, 2 yrs. old, $10.00 per 100

SMILAX, Strong, 3-inch, $2.50 per 100

E. M. & H. N. Hoffman, Elmira, N. Y.

Mention Florists' Review when you write.

Send to **THE MOON** Company

For Your { Trees, Shrubs, Vines, and Small Fruits.

Descriptive Illustrated Catalogue **Free.**

THE WM. H. MOON CO.,

Morrisville, Pa.

Mention Florists' Review when you write.

Pandanus Veitchii,

20 to 24 inches above pot, 7-in., $1.50 each.
24 to 30 " " " 8-in., 2.00 "

Also specimens 3 to 4 feet above 9, 10 and 12-inch pots.

JOHN WELSH YOUNG, Germantown, Pa.

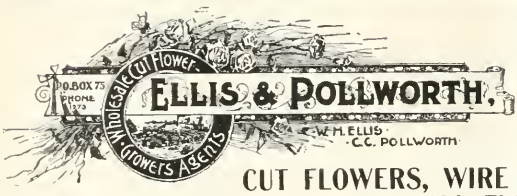
Upsal Station, Penna. R. R.

Mention The Review when you write.

CARNATIONS.

H. WEBER & SONS, - OAKLAND, MD.

Always mention the Florists' Review wher writing advertisers.



Palms, Ferns,
Field-Grown Carnations

SEND FOR PRICE LIST.

CUT FLOWERS, WIRE WORK
AND ALL FLORISTS' SUPPLIES.

ELLIS & POLLWORTH, 137 Oneida Street, MILWAUKEE, WIS.

Mention Florists' Review when you write.

ROCHESTER, N. Y.

Business for the month of September has been quite satisfactory. Cut flower trade was rather above the average compared with other years, and sales in decorative plants reached a higher figure than usual. Stock of ordinary flowers was always procurable in quantity, though at times there was a scarcity in roses in the home market, but relief came from nearby towns. September weddings were numerous and many of them proved a source of profit to our florists. Fall openings in the big department stores were in order the latter part of the mouth and called for more or less elaborate decorations and this brisk opening of the season is so encouraging that everybody is confident of prosperous times ahead.

We had no trosts yet to do damage to our outdoor stuff, and have still a large supply of common flowers to draw from, but astersare on the wane. Local rose growers are now supplying the market, the first crop of the young plants is in, some of the stock is A 1, but the bulk of it is of a lower grade; stems are weak or else too short, and frequently we see foliage disfigured by mildew spots. Carnations are backward, the plants are fairly good mostly but hardly any of them are in bloom yet; the dry summer has retarded their growth and but few houses were planted early.

Violets have been in the market for several weeks. Czar is the earliest good large single for this neighborhood and is truly a very prolific fall bloomer with good long stem, resembling the later California in this respect and in color also. The doubles which have been offered so far are rather too small and do not sell readily.

Chrysanths in our town are behind other years, none have been offered yet, though C. Suhr and Schlegels will be able to cut some good flowers

(Continued page 500)

FIELD GROWN CARNATIONS.

Daybreak, Eldorado and Anna Webb, $6.00 per 100
Portia, McGowan and Scott..... 4.00 "
FREE FROM RUST. CASH WITH ORDER.
DANA A. HERRON, - - OLEAN, N. Y.
Mention The Review when you write.

Carnations!! ...IDEAL FIELD CARNATION PLANTS

Our Stock Surpasses that of all previous years.
Send for complete list of the best NEW and standard varieties.

GEO. HANCOCK & SON, GRAND HAVEN, MICHIGAN.

Mention The Review when you write.

CARNATIONS
...Fine...
Field-Grown Plants

Goldfinch and Harrison's White
Nancy Hanks
Emma Wocher
Tidal Wave.....
Portia.....
Lizzie McGowan
Kohinoor
Nivea.....

$3.00 Per 100
$25.00 Per 1000

Morello, Mayor Pingree,
$6.00 per 100; $50.00 per 1000.

NO ORDER FOR LESS THAN 100 ACCEPTED.

REINBERG BROS.

51 Wabash Ave. CHICAGO, ILL.

Mention The Review when you write.

Carnation Plants

800 Rose Queen,
500 Fred Dorner,
100 Lizzie Gilbert.
250 Ivory. 150 Albertini.
100 Bridesmaids.
150 Minnie Cook.

All fine, large, field grown Carnations. Fine, healthy plants, $3.00 per 100.

A. G. PRINCE & CO.,
88 and 90 Wabash Ave., - - CHICAGO.
Mention Florists' Review when you write.

5000 Carnations 5000

Scotts, Daybreaks and McGowans,
Large Healthy Al Plants, $5.00 per 100

Would exchange 500 for Palms, Ferns, Mums, Bulbs or other general greenhouse stock.

GIDDINGS, THE FLORIST,
GLOVERSVILLE, N. Y.
Mention Florists' Review when you write.

WHO Wants Them?

Four extra fine Kentias in 12-in. pots, 6 leaves, 5 to 6 ft. high, perfect plants for decorating, $5.00 each.
Also 4 Lantania Borbonica, in 10 and 12-in. pots, $3.00 and $4.00 each.
W. A. WETTLIN, - Hornellsville, N. Y.

Surplus Field Grown
Carnation Plants..

Clean, healthy, strong plants with plenty of roots.

White Cloud, white.
John Young, "
Mary Wood, "
Storm King, "
New York, pink.
Painted Lady, pink.
Mrs. C. H. Duhme, pink.
C. A. Dana, pink.
Dazzle, scarlet.
Jubilee, "
Gold Nugget, yellow.
Psyche, variegated.
Lily Dean, "
Meteor, crimson.

Send for Price List.

F. DORNER & SONS CO.,
LaFAYETTE, IND.
Mention Florists' Review when you write.

SCOTT CARNATIONS..

Field Grown, Healthy Plants, medium size, $6.00 a hundred, $50.00 a thousand.

JOHN WELSH YOUNG, Germantown, Pa.
Upsal Station, Penna. R. R.
Mention Florists' Review when you write.

..CARNATIONS..

Strong, healthy plants, leading varieties, popular prices.

VIOLETS -- Extra fine, healthy clumps of Marie Louise, from field.

Write for Price List.

CRABB & HUNTER, GRAND RAPIDS, MICH.
Mention The Review when you write.

Strong Field-Grown Carnations

Harrisnn's White, Wm. Scott, Tidal Wave, Portia, Silver Spray, $4 per 100
Daybreak, Mayor Pingree, $5 per 100
Fine California Violets. $3.00 per 100.

GEO. SOUSTER, - - Elgin, Ill.
Mention The Review when you write.

Wanted! Roses and Beauties. Wanted!

GROWERS OF GOOD ROSES ON CONSIGNMENT.

We Solicit Your Shipments

WILL GIVE SATISFACTION.

FOR FURTHER PARTICULARS CALL OR ADDRESS.

Our Method:

We make weekly returns. Our statement will show the number of **each** kind of Rose sold and the amount of each day's shipment, so that you can average each kind of Rose and see what they brought you.

Check for sales will accompany statements weekly.

We are in a position to handle strictly high-grade stock at the best possible advantage to the grower. Notwithstanding what your experience has been elsewhere, a trial will convince you of our ability and trustworthiness.

Lynch WHOLESALE FLORIST. 19-21 E. RANDOLPH ST. CHICAGO

Mention The Review when you write.

CARNATIONS. Fine, Large, Field Grown Plants.

450 Tidal Wave, $4.00 per 100; 200 Ivory, $4.00 per 100; 700 Silver Spray, $4.00 per 100; 150 Bridesmaid, $4.00 per 100; 150 Rose Queen, $4.00 per 100; 100 Triumph, $4.00 per 100.

FOR SALE -- 500 White Smith Gooseberry

Plants, extra strong, two-year old bushes, never mildewed in 30 years, $2.50 per 100.

E. HAENTZE, - - FOND DU LAC, WIS.

Mention Florists' Review when you write.

....CARNATIONS....

800 DAYBREAK ..... $4.00 per 100
600 SCOTT .....
800 McGOWAN ..... $3.00 per 100
400 METEORS .....

At these prices to close them out quickly. Strong Field-Grown Plants.

W. A. WETTLIN, Hornellsville, N. Y.

Mention Florists' Review when you write.

...VIOLETS...

A few thousand still left at $3.00 to $4.00 per 100; $25.00 to $35.00 per 1000. Healthy, field-grown. Sample, 10c. Cash with order. Also Lady Campbell, Swanley White and California.

400 **SMILAX** (Surplus), strong plants from 2-in. pots, the lot for $3.00.

FRED A. TAYLOR, Canastota, N. Y.

Mention The Review when you write.

4 Acres Field-Grown Carnation Plants, 91,000

Our Carnations are first-class in every respect, free from disease, and packed lightly by our improved system of packing, by which we can send them to all parts of the United States and Canada in perfect condition.

JUBILEE **BUTTERCUP** **CRIMSON SPORT** **HELEN KELLER**
$6.00 per hundred.

BRIDESMAID **METEOR** **MME. DIAZ ALBERTINI** **CHESTER PRIDE**
IVORY **ARMAZINDY** **PURITAN** **STORM KING**
SWEETBRIER **L. L. LAMBORN** **SILVER SPRAY** **WM. SCOTT**
MRS. FISHER
$4.00 per hundred.

Send for Price List.

J. L. DILLON, BLOOMSBURG, PA.

Mention The Review when you write.

E. G. HILL & CO.

RICHMOND, IND.

FLORA HILL. } Field Clumps,
JUBILEE..... } $8.00 per 100. $75.00 per 1,000.

Mention Florists' Review when you write.

Field Grown Carnation and Violet Plants

Good Stock.... Low Prices....

A. WASHBURN & SON, Bloomington, Ill.

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

25,000 Carnations

Fine Strong Plants, perfectly free from rust.

Wm. Scott, Tidal Wave, Daybreak, Portia, Silver Spray, Kohinoor,

$3.00 per 100; $25.00 per 1000. Cash with order.

CHARLES SCHAFER,

220 Balmoral Ave., Station X, CHICAGO, ILL.

Mention The Review when you write.

For Sale or Trade

700 extra fine Wm. Scott, no culls, but first-class plants. Will send sample. **$5.00** per 100, or will trade for Cyclamen, Primrose, Cineraria and good Cannas.

THE CLINTON FLORAL CO., .. Wilmington, Ohio.

Mention Florists' Review when you write.

before the end of the week. Smilax is not overplenty at present; as far as we know it will be short for a month or two to come.

Decorative and a few flowering plants sell more freely than usual so early in the fall. All our florists seem to be prepared for a vastly increased demand in this line. They all have a large and very varied stock in all sizes on hand. K.

BUFFALO.

Condition of Stock.

We just escaped a frost about the middle of September, and we have had little else since but grand, warm weather, and if it were not for the sear and yellow leaf that is dropping, one would think it was July. Most outside flowers are gone and we must depend from now on on the produce of the greenhouse. Some very fine roses are coming in. Beauties, Kaiserin and Carnots are at their best. The latter cannot go out of fashion, for it is like Kaiserin a grand summer rose, and since cooler weather has come it is simply superb. A few violets are seen, but there is nothing but the incomparable odor to tempt the buyer. When seasonable weather occurs our violets will be all ready to make their modest but lucrative display. In a few days we will have the showy chrysanthemum with us, and then we shall fairly realize that we have entered upon another eight months of a flowery time, when there are flowers as well as a demand.

Notes.

A young man appeared here early last spring, intent on locating in the neighborhood of Buffalo to grow flowers. Roses were his specialty. He had the genuine style of a gardener, with the great advantage of an experience at several of the best establishments in this country and Europe. After taking long and deliberate time in selecting a site for his investment (and he had means), he settled in the village of Hamburg, about 11 miles from town. Since last May he has built and planted several first-class rose houses and is now sending in high-grade flowers, both roses and carnations. His name is Mr. Guenther. I humbly predict that Mr. Guenther will some day be the owner of a very large place, because it will simply be "the survival of the fittest."

We have been honored with several

(Continued page 502)

"CONTINENTAL LIMITED."

NEW FAST TRAIN EAST VIA THE WABASH.

Leaves Chicago daily at 12:02 noon; arrives Detroit 8:20 P. M., Buffalo, 5:00 A. M. New York 3:30 P. M., Boston, 5:50 P. M. only one night on the road. Through sleeper. Ticket Office, 97 Adams Street, Chicago.

The Boston Fern

Nephrolepis Exaltata Bostoniensis.

SEND IN YOUR ORDERS.

Good, clean plants from the bench only 4 cents each by the 1,000, 5 cents each by the 100.

Extra fine plants, 10 cents to 25 cents.

SPECIMEN PLANTS.

In 5, 6 and 7-inch pots ..... from 25 cents to $1.00 each.
In 8 and 10-inch pots ..... from $1.50 to $3.00 each.

W. H. ELLIOTT, - - Brighton, Mass.

Mention Florists' Review when you write.

The MODEL Extension Carnation Support....
Also Wire Rose Stakes.

QUEENS, N. Y., Feb. 16, '97.
MR. THERON PARKER, Brooklyn, N. Y. Dear Sir:—I have tested your latest Model Carnation Support, and am free to say that I consider it the best wire carnation support that I have ever seen. It is quickly and easily applied, and I think will prove very durable, and you certainly deserve great credit for the invention.
Very truly yours,
C. W. WARD.

FLATBUSH, BROOKLYN, N. Y., Feb. 18, '97.
MR. THERON PARKER.
Dear Sir:—Your wire stake is certainly a gem. Without hesitating we endorse it as an up-to-date Carnation Support. Yours truly,
DAILLEDOUZE BROS.

W. HOBOKEN, N. J., Feb. 18, '97.
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BUFFALO (Continued.)

calls from out-of-town visitors, among them Mr. Berkowitz, good looking and beaming; Mr. Sullivan, of Detroit, not John L., but his equal in avoirdupois; Mr. D. was on his homeward way from New York, and will soon be followed by several carloads of ornamental plants, the result of his trip; Mr. O. A. C. Oehmler, of Cleveland, one of Mr. Casser's artists, and, to our surprise, the great little Mr. Giesy, of Lockland Lumber Company fame. Mr. Giesy said it was many years since he had seen Buffalo and thought it was a pretty city. We felt so proud that we hitched up "Doobin" in our family wagon and drove him down our only Delaware avenue, and while viewing it I noticed he kept his vision more on the street than on the mansions or their surroundings. He made the sage and observant remark that "bicycle skirts were longer here than they were in Chicago." Who would have thought it, at his age?

Burt Eddy.

The florists of this city, with those of the entire country, were shocked to hear of the death of Mr. Eddy. It was sad and to us very sudden, for we had no intimation but that he was hale and hearty. Mr. Eddy's visits were at long intervals, but no one on the road whom we know received or deserved a more hearty welcome. His was a great, big, genial, generous, witty, broad-minded, well read character. The physique of a lion, with the smile of a baby. He has left a gap in the ranks of the craft that never can be filled, for his personality was unique. Those who did not know him missed the friendship of a whole-souled man. Those who did know him well will forever remember the face, figure and character and mourn the untimely death of Burt Eddy. W. S.

S. A. F. STATE VICE-PRESIDENTS.

Very few of the State delegations at Omaha having taken action regarding their respective official representatives in the Society for the coming year, it now becomes the duty of President Gude to make these appointments. Frequent criticism has been made regarding the efficiency of these officers and the annual report of horticultural happenings in their jurisdiction which is now required of them makes it further necessary that great care be exercised in their selection. With this object in view, advice and recommendations as to who would be regarded as acceptable appointees will be welcomed and are hereby earnestly solicited from any and all members of the S. A. F. in the different states. Address all correspondence on this subject to Wm. J. Stewart, Secretary, 67 Bromfield st., Boston.

IF YOU HAVE anything to sell to the trade, offer it in an adv. in The Review.

The Harrisii Disease

can be prevented by immersing the bulbs for 5 hours in a half solution of.....

..Kraft's Plant Tonic.. 99%

This has been conclusively proven by experiments at Lincoln Park, Chicago. The Tonic also kills **Hard Shelled Scale, Mealy Bug,** and other insect pests without injury to the plant. A trial of a 25-cent bottle will convince you that a really remarkable insecticide has been discovered. Send for circular.

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"	2½ "	4.50
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"	" 2½ "	4.50
Pres. Cleveland	" 1½ " ready for shift,	3.00
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"	" 2½ "	4.50
The Bride	" 1½ " ready for shift,	3.00
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GRAND RAPIDS, MICH.

We have passed through a week of sweltering hot weather, very trying on indoor stuff, particularly violets. It is a trifle cooler today. Trade continues good, although flowers are plentiful, as roses are in crop. There are some fine carnations on the market and some are being offered that ought to go on the rubbish pile.

Chas. Chadwick has just begun a 130 x37 foot carnation house and Henry Smith has his about finished and planted.

The state fair had fine weather and was a success. As predicted, the competition among the florists was keen. The exhibitors were Crabb & Hunter, James Scholls, Wm. Cunningham and Henry Smith. The judging was done by Wencil L. Cukerski, the superintendent of parks.

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Our $50.00 per 1,000 offer on Deciduous Shrubs.

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100,000 California Privet. 1 year, 2 years, 3 years.
5,000 Deutzia Gracilis, 12 to 15 inches, very fine for **Florists** to **Force, $6.00** per 100, **$50.00** per 1,000.
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English Ivy, 1 year, from open ground, strong, **$50.00** per 1,000; 2 years, very long vines, **$60.00** per 1,000.
Wichuraiana Roses, 1 year, **$48.00** per 1,000; very strong, 2 years, **$75.00** per 1,000.

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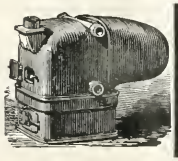

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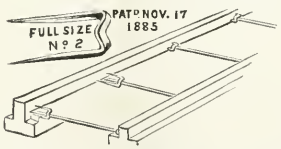

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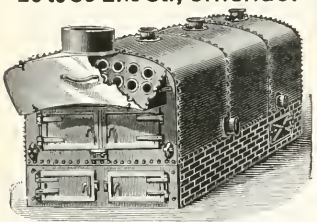

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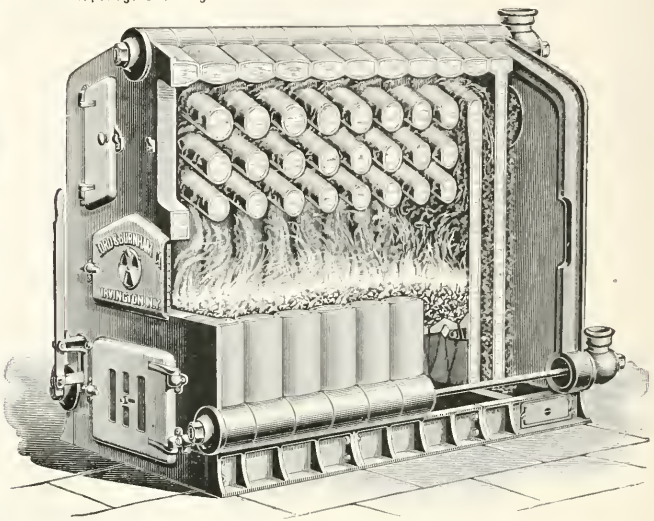

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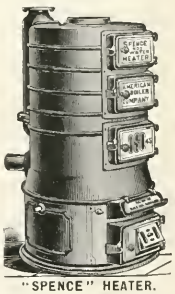

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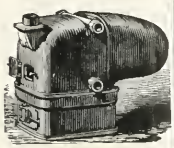

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THE WEEKLY FLORISTS' REVIEW

Watson B M
Jamaica Plain Mass
52

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A FREE FLOWERING CHRYSANTHEMUM.

A short article was published last year in the American Florist, with an illustration engraved from a photograph, describing a chrysanthemum that had originated with us, which promised to be a valuable plant for the florist.

A Free-Flowering Chrysanthemum.
[Photographed Sept. 25.]

The plant flowered first on September 26, 1896, being then in a 3-inch pot. On the following Easter, several flowers were cut from the same plant, and from August 28, 1897, until December 2, it was in bloom almost continuously. At that date we had but one plant, from which propagation was begun, there being buds on it at the time. On January 1, 1898, there were still flower buds on the plant, although it had been re-potted and all growth suitable for cuttings had been removed. In June many of the young plants showed flower buds, and on July 20 the first flower opened, on a plant in a 4-inch pot, and they have been blooming ever since, there being hundreds of flowers open during September and October.

The engraving shows a section of a bench of 3-inch and 4-inch plants on September 25. A few 2-inch plants set in a bench with other chrysanthemums in June were in flower September 15, being then 18 inches high. The flowers on those that had been disbudded became 2½ to 3 inches in diameter, without any additional feeding, but showed a larger center than those grown in pots.

To show the freedom with which it may be propagated, we may say that starting with one plant on December 2 last we had on July 7, 756 plants without undue forcing, and if we had wished to do so could have doubled that number in three weeks. The variety is a dwarf grower, with small, healthy foliage, and produces a profusion of white flowers from 1¼ to 2 inches in diameter, with slender, strong stems. Our plants have had no feeding, and having had an unusual amount of extra work to do, they are now (October 7) still in the 2, 3 and 4-inch pots in which they were placed early in the season. We think the plant will be useful to cut flowers from, either in sprays to sell, or short stemmed to use in designs; and will certainly make a desirable pot plant if kept repotted and given room to spread. We are satisfied that if properly managed it may be had in bloom all the year, and crops may be brought in at seasons when such flowers are scarce and salable; say in the late summer, at Christmas, Easter and Decoration Day. W. T. BELL.

OCTOBER CHRYSANTHEMUMS.

When this month rolls around and we begin the cutting of the early 'mums, we realize that we are confined almost exclusively to white, Marquis Mortemarte being the only fair sized early pink, and with us it is always a poor color. Lady Fitzwygram is by all odds the earliest as well as the best early white. To get this variety in by September 21 requires early cuttings and the crown bud; it is a beautiful variety, feathery but substantial, and of good size, color pure with cream center. Mme. Gastellier comes in at about the same time, is a beautiful shade of white with cream center, and though not so feathery and graceful in form as Fitzwygram, is a most decided improvement on our good but stiff old friend, Mme. Bergmann.

An odd incident in the history of Lady Fitzwygram is the fact that Wm. Scott sent the seed from which this variety was grown from America to England, where it was introduced by Mr. H. J. Jones (I believe). The fact is the more noticeable because none of the varieties classed as earlies in England prove early in this country, as witness the whole Des Granges family, and in the same way, very many of our early and second early varieties prove midseason sorts over there; this is very demoralizing to values, as a Des Granges coming into bloom October 20 say, with Mrs. H. Robinson, is very decidedly n. g.; but Lady Fitzwygram is early on both sides of the water.

We are very proud of a bright yellow sport from Fitzwygram; the color is good and the variety, now in its second year, is a very welcome addition, being the only yellow from September 21 till Marion Henderson comes in about October 10; it is nearly as welcome as a bright, pure, early pink would be.

Midge looks well, but takes considerable time to bring its blooms to full size and perfection. Owing to using the very latest cuttings of Geo. S. Kalb we shall not have it on hand at the proper date, which we regret. It is a little odd that so many of the first earlies should be white in color.

Midseason sorts are coming on finely, stems thick and heavy at the ground, nicely covered with foliage, and buds swelling from day to day; it is a most interesting interval, these next four weeks, and chrysanthemum lovers grow a little impatient to see developed the new varieties, French, English and American, which are to meet their fate this year, as well as those dear seedlings of "our own," which we always watch with an extra touch of solicitude!

No point of culture is more important at this time than keeping the houses absolutely clean, and the walks as dry as possible; watch carefully for the aphis; have every trace of it destroyed before the blooms begin to open.

E. G. HILL.

There is no more congested state of the greenhouse at any time of year than just now, and will be till we have some of our chrysanths cut and away.

Lilies.

Out of doors entirely without any frame around them would be a perfectly proper place for our Bermuda lilies that are destined for Easter crop, providing you were not liable to a rainfall far in excess of what was good for the lilies in their artificial state, or to a sharp frost, which is most certainly injurious to them, for that I have proved to my cost. The longiflorum under favorable conditions is hardy, but when planted close to the surface and stimulated by frequent waterings it is in no condition to receive suddenly ten degrees of frost; so have them so situated that they can be covered with glass or shutters in case of a severe, cold night.

The Harrisii type is still less hardy from its many years of environment in a semi-tropical island. With due respect for the opinion of learned men, I believe the Harrisii or Bermuda lily is only a variety of longiflorum which conditions and environments of soil and climate have in perhaps a hundred years evolved varietal characteristics and what are varieties and even species but simply modifications of the individual produced by its surroundings; or, to put it in another way, the individual adapting itself to its surroundings? Man divides varieties from species. Nature has made a division of a genus and we call them species. A genera is a division of an order and orders are branches of a family, and so we get back by slow but sure degrees to a single cell the parent of all, both the animal and vegetable kingdom. But this is not seasonable hints, so to our more practical talk.

Just now you will be shifting lilies from 3 to 5 inch and from 4 to 6 inch; look out sharply for the disease. It shows itself by yellow streaks and spots on the leaf, and if it is plainly seen when the plant is only 3 or 4 inches high it is useless to think it will ever outgrow it. Pitch them out at your very earliest opportunity. This is the advantage in starting the lilies in a small pot. You can dispose of the diseased ones without their having occupied space or large pots and waste of soil.

Chrysanthemums.

Disbudding will soon be done with most varieties. Lateral growth should be kept pinched off. Cool, damp nights, a little fire and a little ventilation will be of great help, and liquid manure can be used freely on them till they show color. I never noticed the black aphis succumb so readily to the fumes of tobacco as this year. A mild fumigation once a week has kept them entirely free of all aphis. As the black fly is, I believe, an importation from Japan peculiar to the mum, perhaps he is getting tired of our hospitality and means to quit.

If you have pot plants that are worth a few sticks and a tie, don't delay the operation till the day of sale. When, if done, it will look stiff and formal. Do it at once and before the flowers are out the plant will have resumed a natural appearance.

Hydrangeas.

Those that are intended for Easter should be kept outdoors as long as possible with the object of ripening the wood. Kept on the dry side and plenty of air between the plants so that the lower buds will have light, a little frost does them no harm, but not more than 2 or 3 degrees. As soon as chrysanths are gone, or the mid-season varieties, the hydrangea can be put on the bench. You cannot have too much time to spare. The slower and cooler they are brought along the more satisfactory they will be to the purchaser. Of all voracious plants the hydrangea is king, so root room they must have. If they have been grown this summer in a 6-inch they will need an 8-inch. If in a 5-inch, shift into a 7-inch. The shifting should be done when you put them on the bench to start growing. Plants that you do not want in flower before May or June can be placed under the lightest and coolest bench you have, and only water enough given them to keep from shriveling.

Violets.

The account of the great horticultural industry of Poughkeepsie violet culture which appeared in a recent contemporary was to me most interesting, but the able writer, whoever he was, forgot one important item, namely, that many of the growers remove the sash or glass entirely during the months of June, July and August, and when he found the glass covered with a thick coat of whitewash must have been near the Fourth of July, many weeks previous to the publication of his observations.

A light but freqnent fumigation of tobacco is most beneficial; in twenty-four hours the odor has departed. Cleanliness is of the greatest importance. Early, imperfect flowers should be kept picked off, runners removed every two weeks as well as any decaying leaves. If red spider appears a fierce application of the hose is the best remedy, well and thoroughly done, but only when the spider is troublesome should any syringing be indulged in, because "the spot" so dreaded by

many is disseminated and spread by moisture. There is no cure for the "spot," but pick off every leaf affected. It can be discovered by close scrutiny long before it has developed into the white bleached spot, some eighth of an inch across. It first appears as a little black speck. The white spot is the dead tissue of the leaf. If your violets are healthy and free of spider water the beds, wetting the foliage as little as possible.

Fancy Caladiums.

I was asked recently by one of your subscribers how to treat these in winter. They are usually in good condition the middle of this month, when they will show signs of going to sleep for the winter by a cessation of growth and a drooping of the leaves. Don't withhold water suddenly, but by degrees lessen the supply till the leaves are about gone; then store under a bench where they will get no water during the winter, and as they are natives of tropical America it should be where the temperature does not go below 50 degrees. Keep them in the pots and soil in which they were growing and they will winter all the better.

Dracaena Indivisa.

Some florists find this a very useful plant in the spring for various uses, but for its value it is an expensive plant to keep during the long months of winter. I am informed that this plant, whose proper name is cordyline, is hardy where the temperature does not go below 15 degrees. So you can keep them in the coolest house and bring their leaves up compact by tying. With a reduced temperature they must be kept decidedly dry.

Early Bulbs.

The earliest planted Romans and paper white narcissus should be brought in at intervals. The Romans especially you will have use for. A good guide to tell you whether they may be forced or brought into flower is by seeing whether the roots are through the bottom of the flat in which they are planted. If so, you can give them heat without danger of failure. While on the subject of bulbs let me remind you once more to examine your boxes of early tulips, narcissus, etc., and see that the soil in the flat is decidedly moist. If it is not, water the whole bed. Rains do not always penetrate deep enough to answer the purpose of this artificial culture.

Soil.

Experience prompts me to remind the average florist how necessary it is to lay in his stock of potting soil before a wet or drizzling time sets in. Large growers have this down to a system, and if I may be allowed to refer to one of our most worthy craftsmen, Harry Dale, of Brantford, Ont., has an immense shed something like the sheds you see in floral districts in close proximity to the "meetin' house" where the honest (more or less) farmer puts his team while brother Willdo-Better exhorts on ancient and modern mythology. Such sheds you can find at Hinsdale, Ill., Chestnut Hill, Pa., or Natick, Mass., but the general florist often sadly neglects the most important ingredient of his industry, which is Mother Earth. Under a bench is no place for potting soil, unhandy, untidy and all round the wrong place. A part of your shed is the proper place or a detached shed where the rain does not reach it will do. Wherever it is stored it should be got in before it is wet and sticky. Remember that soil once handled wet can never be restored to a proper workable condition except by one agency—frost.

WILLIAM SCOTT.

Let's talk about odds and ends this week, perhaps some beginner may want to know about them. How about paper cut flower boxes; fashion does a great deal in the way of boxes these days, and then too many, in fact most of our leading artists strive to be original in their boxes. Only quite recently if one saw a box at a distance he could immediately tell where it was from. This was because each tried to have a different color. This jamboree of colors in boxes was usually very loud at funerals, and was entirely out of place. Now nearly all the boxes used by New York florists are white and they make the handsomest ones.

Thorley's are white and silver; Brower's, light blue and silver; Small's, white moire and silver; Fleischmann's, white moire and gold; Scallen's, yellow and purple; Dards' and the Rosary Flower Co., white satin with fleur de lis and gold edge and lettering. This we consider makes the prettiest box.

Fancy boxes covered with wall paper in rose and violet design are seen once in a while but are very awkward in wet weather, and for this and many other reasons they are going out of favor. The sizes have not changed very much but the old time square ones are seldom seen. Violet boxes are nearly all some shade of purple, and are usually in two sizes, 10-7-5 and 8-5-4; boutenniere boxes are 5-4-3; cut flower and rose boxes used are 14-8-4, 24-8-4, 28-9-5, 30-11-6; 36-9-6; then there are the specimen rose boxes, which are 18-6-4 and 36-6-4.

Bouquet and wreath boxes are scarcely ever used; for shipping out of town either use a light wooden box or better still get a round flat hamper made with your name on oil-cloth on the lid and put on your return express tag. There are lots of sizes in wire, but any store can get along with two of them, 35 and 21, and use just as little of it as you can. I mean of course don't put wires on small bunches, or large ones either if you can arrange them without. There are two good bouquet twines, one is the strong grey flax, the other the green silkaline. Grey sphagnum moss is only used in stores which do a large funeral trade, even then it is doubtful if it pays to use it. Green moss is better and does not require so much smilax or other expensive greens to cover it up.

Manilla papers are out of date. White tissue paper makes your flowers look prettier and white wrapping paper will match your boxes better. We find it more preferable to have our wrapping paper in rolls, as we can cut off any length required and besides it occupies less room and can be kept cleaner. Wax paper is good for shipping purposes but you can get along without it; some florists here use violet tissue paper for violets. Violet tin foil is used for violets, but the odor of it injures, or rather kills, the scent of the violets. Violet headed corsage pins are best to use.

White enameled paper-fiber cut flower vases are about the best and cheapest vase for the store. They harmonize with any color and can be thrown around. They can be obtained in any size.

Kid bouquet holders are no longer in style; twist your bouquet handles with ribbon same color as the bow. The old lace paper holders are only used now for Dutch picnics or masquerade balls.

Keep your wire designs out of sight,

also your dried stuff. The habit of hanging tin foiled wire designs in the window is abominable and is inexcusable in the worst hovel of a florist's store, and as for metal designs—well, Americans love natural flowers, and no florist who considers himself or herself an artist or up-to-date in this business will have them in the store.

Baskets are going to have higher handles. They look very tall when empty, but when you fill them with long stem roses or plants they are just the thing. We will talk about baskets again. Whatever you have or do about the store avoid artificiality as much as possible. Advocate flowers and plants and plants and flowers and lots of them, and wrap them up and handle them and ship them with the greatest amount of taste and care.

Have your flowers delivered in the condition in which they leave the store, and be prompt. Find out if possible the exact time the flowers are wanted and get them there at that time. Often flowers are ordered to be fixed on the table at 5:30 for an 8 o'clock dinner, with the result that the flowers are withered at the time they are most wanted to appear fresh, and the consequence is you may lose the customer. All this comes from people being nervous about the florist being on time. Reason with these people and let them have confidence in you. Flowers should be fixed on the table at the latest fifteen minutes before the guests sit down to dinner and when you put them on don't forget the little finishing touches that hide a stick or a piece of moss or stick a flower where most wanted.

Chrysanthemums are on hand but only in small quantities as yet. When you are putting them up don't forget the nice spray of well-colored autumn leaves.

The newest wreath is made of Bouvardia Humboldti, with Farleyense fringe and a cluster of valley and cattleyas and bow of broad white gauze ribbon. IVERA.

ROSE NOTES.

A few cold nights during the past week brings to mind the necessity of getting your boilers in readiness for their winter's work. In many respects this has been a remarkable fall for this section; usually we look for a good frost any time after the first week in September, but at this writing (Oct. 8) we are still in the midst of summer weather, with now and then a slight threat of a fall in the temperature, just to remind us of the approaching winter.

These warm sultry days are very disastrous in the way they affect the growth of roses, forcing them into a soft growth, and bringing on a full crop of buds at a time when there is little sale for them. Many growers make a mistake of cutting and sending all this stock into the market, causing a general demoralization of trade. How much better it would be to pick off about two-thirds of these buds now; this would throw the main crop four to six weeks later at a time when the market would be in better condition to take care of them.

During October and November, while the chrysanthemum is in its glory, very often we see the rose houses neglected. Keep a man constantly at work in them, and insist on his going over every house about once in a week or ten days. Never allow a yellow leaf to remain on the plant or lay on the benches. If this work is done regularly, you will be surprised to see how little time it takes to keep a rose house in good condition.

Roses that have been planted in June and July will now stand a light mulch of well rotted manure spread evenly over the bench, not over one-half inch deep. I prefer rubbing the manure through a three-fourths inch wire screen before applying. In this way it can be spread better and makes a much neater job. This mulch should be gone over and loosened up about once a week, otherwise it will become sour and do more harm than good. Some growers claim a mulch of manure tends to sour the soil, which may be true when not properly done, but if applied as suggested and kept open it is certainly a great benefit to the plants. S. A. BAUR.

ROSE HOUSES.

In building a rose house about 20 feet wide, which is the best way to arrange the benches and paths? We would like a path next to the north wall to provide for freer circulation of air and room for watering. Also wish the walks to be wide enough to admit wheeling the soil in the barrow. All the walks do not need to be wide enough for the barrow, but, say two in different parts of the house, most convenient to use in filling benches. Please give width of house, paths and benches. R. M.

There is considerable difference of opinion among rose growers regarding the style of house best adapted for rose culture. Some advocate the even span, others claim a short span to the south is the thing, while the more conservative still cling to the regulation three-quarter span, long span to the south rose house, claiming it is best adapted for growing high grade stock and producing it at a time when roses are in demand and consequently bringing good prices, a claim that has never been successfully disputed by the advocates of any other form of construction.

The writer has had experience with many kinds of greenhouses and while it may be said that a good grower usually produces good stock in about any kind of a greenhouse, he certainly can do better when placed in an up-to-date rose house, where he can depend on getting the full benefit of the sun for twelve months of the year, and this means a regulation three-quarter span house, long slope to the south.

Having decided on the form of house, which we will suppose to be 20 feet wide, we next come to the arrangement of the benches. Here again we find a variety of opinions; some prefer two side benches and a large 6 to 7-foot bench in the middle, leaving enough space for two wide walks for wheeling soil, etc.; others again claim there should be a free circulation of air all around the benches and suggest having a walk around the side of the house, dividing the space something like this: Allowing twice 6 inches for gutters leaves us 19 feet to be divided between walks and benches, we begin at the south wall with an 18-inch walk, bench 4 feet wide and 2½ feet high, 2-foot walk, bench 4 feet wide, 3½ feet high, 2-foot walk, bench 4 feet wide, 4½ feet high, ending with an 18-inch walk for the north wall, thus we have 12 feet bench room and 7 feet used for walks; as will be seen the walks are not wide enough for a wheelbarrow, and emptying out soil and refilling is done by simply wheeling on the benches; it is advisable to lay a line of boards on the bench while wheeling, thus avoiding the danger of breaking through weak places, especially where the bottoms of benches are made of 1-inch lumber.

Another arrangement of benches is as follows: Beginning at the south wall with a bench 3 feet wide, making it low enough to allow from 2½ to 3

House of Meteor Roses at Bassett & Washburn's, Hinsdale, Ill.

feet head room, next a 2-foot walk, followed by a 4-foot bench, 3 feet high, walk 12 inches, bench 4 feet wide, 4 feet high, walk 2 feet wide, ending with 3-foot bench against the north wall, 5 feet high; this gives 14 feet bench room, leaving 5 feet for walks. We find more greenhouses arranged in this way, chiefly because it gives the most room for benches, while the plants have the full benefit of being easily reached with the hose in syringing, and at the same time can be easily handled in the way of cleaning, tying, cutting flowers, etc. S. A. BAUR.

ROSES ON SIDE BENCHES.

Replying to Mr. John Welsh Young in your issue of September 29, it is only necessary to say that I have now (October 4) Maid, Bride, Perle and Sunset, which were planted from 3 and 4-inch pots in May last and now stand 4 to 5 feet above the surface of the soil in the bench; some few odd plants have attained 6 feet. I have Bride planted on July 25 last, which now stand 3 feet and will undoubtedly be 5 feet high by Christmas.

If these plants were planted on side benches it would be necessary to tie them down in a sloping direction, in which position they could not possibly grow good, long, straight-stemmed flowers, such as our best trade in Canada demands.

I have a number of houses with side benches, but will build no more in that way, as I think the extra quality of flowers obtained on all center benches well repays for loss caused by walks arranged at side of houses.

H. DALE.

Brampton, Ont.

HOUSE OF METEORS.

We present herewith an engraving from a photograph taken September 11 of a house of Meteor roses at Bassett & Washburn's, Hinsdale, Ill. The house was planted April 14 last, the plants being from 2½-inch pots. They are cutting a large crop of fine flowers from this house. A glance at the picture shows the uniform fine condition of the plants.

FOREIGN NOTES.

The classification for the Paris Exposition in 1900 has been issued and Group 8 is devoted to "Horticulture and Arboriculture." The classes are as follows: Class 43, Appliances and processes used in horticulture and arboriculture; Class 44, Kitchen garden plants; Class 45, Fruit and Fruit trees; Class 46, Trees, shrubs, ornamental plants and flowers; Class 47, Greenhouse and hot house plants; Class 48, Horticultural and nursery seeds and stock.

The second conference of the French Society of Rosarians was held at Lyons, France, Sept. 2 and 3.

An English gardener reports that he has found a preventive of the lily disease. He covers the bulbs with flowers of sulphur, shaking the bulbs a few at a time in a paper bag containing the sulphur so that it is worked thoroughly into the crevices. The bulbs are then planted.

It is said that M. Crozy secured his start in the improvement of the canna by crossing the old Canna Warscewiczii with Canna indica.

The Gardeners' Chronicle speaks of Paul & Sons' new garden rose "Dawn" as one of the showiest and most beautiful of new garden-roses. It is a very large single or semi-double flowered rose of charming rosy-pink color. The habit is described as good and it is a profuse bloomer.

A new hybrid perpetual rose named Edith Turner is illustrated by the Gardeners' Chronicle. It is a pale flesh color, the outer petals changing to white as the flower ages. The petals are rather short and round, and the general form is good.

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G. L. GRANT, EDITOR AND MANAGER.

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CHICAGO.

The Market.

There is no material change from last week in market conditions. There has been no frost as yet and a sharp frost is needed to give the market a good tone by clearing out the outdoor grown stock. Most of the outdoor carnations have been very rough of late, owing to the rains, and there have been enormous quantities of such flowers sent in. "Plenty of flowers, but few good ones," is the way one dealer puts it. City trade is still rather slow, but there seems a good demand from outside points, and this absorbs practically all of the select stock. In many cases, though, only a few hundred good shipping roses can be selected from a thousand, for most of the stock is still soft. Beauties and Meteors seem to still lead in roses.

Chrysanthemums are to be seen in increasing numbers and some excellent violets are now coming in. There seems to have been an unusually brisk call for asparagus lately. It is expected that the "Peace Jubilee" next week will use up a lot of stock and help the trade out all around. Prices are the same as quoted last week.

Club Meeting.

At the last meeting of the Florists' Club, Jos. Stanford, Wheaton, Ill., and C. Crapp, Chicago, were elected to membership.

The feature of the evening was a talk by Mr. E. Buettner regarding matters of trade interest noted during his recent European trip. He said that the florists of Germany seemed to be much like those of America—always complaining about the strong competition, but all apparently doing well. He thought that they devoted more attention to their window displays abroad and used a greater variety of flowers.

Their summer flowers are away ahead of ours, and they can grow many things to perfection outside that would be soon burned up here during our hot summers. He spoke of the many beautiful vases and window boxes of plants to be seen in European cities. In some of these boxes seen in hotels the plants were still in their pots and were evidently frequently replaced during the season. He noted very little carpet bedding, but much other bedding and a much freer general use of plants than here. He noted a greenish-yellow flowered scabiosa with which he was much pleased, and saw great beds of dahlias in fine bloom in July and August. One bed of cactus dahlias was fifty feet in diameter. He believed that our hot, dry summers would militate against a similar free use of these flowers here, but thought we might to some extent overcome the difficulty in producing good summer flowers here by providing slat or pole shading over a sufficient area. He saw a large batch of auriculas doing finely under such a shade.

Among his pleasant recollections was a view of an arbor of Crimson Rambler roses at Eisenach. It was 15 feet wide and about 150 feet long, and the plants were a mass of flowers. Big tubs of tuberous begonias were a splendid sight, as were large beds of the same. The double varieties were freely used in this way and were very decorative.

In the German floral stores there was always displayed a lot of flowers already arranged in bouquets or baskets. He thought that our storekeepers could develop the trade by following this plan. He thought that we should try to get away from the "dozen" plan of doing business, and that taste in arrangement of even a simple bunch would find its reward in better prices as well as increased sales. In Germany the wreath seemed to be about the only form of funeral arrangement. Some of them were of enormous size, and they were always tied with ribbon. The cool, moist summers not only make more summer flowers possible there, but the flowers seem to last better when cut than here. He had a basket of outdoor grown roses, the flowers in which lasted three days in good condition, though the stems were wired and did not touch the moss.

There was quite a discussion over the point raised as to lack of variety in flowers and in the arrangement of flowers on the chance of catching the fancy of a possible buyer. Some thought it would be a waste of flowers as well as time to attempt it here. Others believed the suggestion was one to be acted upon, and it was pointed out that plants which were formerly rarely sold to advantage now brought a good price when a number were tastefully arranged in a pan or box and tied with ribbon. Mr. Wienhoeber had no doubt that many more plants and flowers could be sold at Easter and other holidays if there was time to arrange them to best advantage.

In regard to summer flowers, Mr. G. Swenson said he had found it easy enough to raise them, but not so easy to sell them at a price that would leave a profit. He noted, though, an inclination on the part of some of the retailers to make a more general use of these flowers and hoped the future would hold something better for the growers of them. Mr. Hauswirth spoke of the effectiveness of Lychnis semperflorens rosea in floral work and how pleased certain of his customers had been at the use of this flower in arrangements supplied them.

It was a very interesting and instructive discussion and the various matters touched upon will undoubtedly receive further attention at future meetings.

At the next meeting of the club (Oct. 21) the annual election of officers takes place, and the new staff will take up the matter of program for the winter.

Horticultural Society Meeting.

The quarterly meeting of the Horticultural Society of Chicago was held at the Sherman House last Saturday afternoon. One new member was elected and considerable routine business was transacted. The treasurer reported that there was about $2,500 in the treasury.

There was also a meeting of the Executive Committee, at which the various matters connected with the coming annual exhibition were acted upon. The matter of a place to hold the exhibition was finally settled by the selection of the Edson Keith building at the corner of Wabash avenue and Monroe street, subject to the condition that the agent of the property be able to give satisfactory assurance that the building will be entirely vacant by the date wanted. Promises to this effect have been given and the Keith building will in all likelihood be the place for the exhibition. It is admirably adapted to the purpose. The exhibition staff will be much the same as in previous years. W. N. Rudd will be superintendent, G. L. Grant will take care of the press and advertising, J. C. Vaughan will look after the program, while President Chadwick and Secretary Egan will take their usual parts. The committee to secure special premiums consists of Messrs. E. G. Uihlein, P. J. Hauswirth and J. C. Vaughan.

Seventy-One Years.

Last Monday Mr. Edgar Sanders celebrated the seventy-first anniversary of his birthday, and in the evening a number of his florist friends joined with his family in expressing their gratification at the young man's coming of age and now being able to vote.

The party enjoyed a splendid dinner prepared and served by Mr. Sanders' daughters, and with the coffee and cigars came a lot of very interesting stories regarding the early days of the trade in this city, not the least entertaining of which was the experience of Mr. August Dresel with an eleven-dollar horse and a seven-dollar wagon. A visit to Mr. Sanders' "den" revealed the fact that he has an exceedingly interesting collection of old horticul-

tural books and magazines in addition to scrapbooks in which he has preserved many newspaper accounts of horticultural gatherings, exhibitions, etc., of very great historical value.

Features of the evening's entertainment were the singing by Mr. Sanders of "Little Brown Jug" and his rendition of "The Cobbler's Song." Mr. Sanders was one of the pioneers of the trade in this city and has long been the Dean of the horticultural fraternity here. He wears his years lightly and it is difficult to believe that so sprightly a young man has passed the allotted "three-score and ten." May he be with us many more years!

Bowling.

After the Florist Club meeting last Friday evening the bowlers remained and proceeded to organize a regular bowling club. The name decided upon was "Chicago Florists' Bowling Club." P. J. Hauswirth was elected temporary chairman and J. S. Wilson temporary secretary. Permanent officers will be chosen at the next meeting. Twelve members were enrolled and it was decided to limit the membership to twenty-four. By-laws were adopted, but the matter of standard rules was left for action at the next meeting (Oct. 21). Only those who are members of the Florists' Club are eligible for membership in the Bowling Club. The membership fee was fixed at $1 and dues at 25 cents a month. The suggestion was made that before adopting rules steps be taken to bring about the formation of a league of Florists' Bowling Clubs and that rules for the guidance of all the clubs be provided by this League. This would make the practice work of the various clubs more uniform and do away with any friction due to varying rules at the annual tournaments.

It was late before the meeting adjourned, but time was taken to play one game. Following are the scores:

G. L. Grant	238
F. Stollery	150
C. S. Stewart	147
J. Degnan	142
P. J. Hauswirth	127
Jno. Zech	125
A. Lange	125
J. S. Wilson	123
G. Stollery	123
F. Robinson	112
E. Enders	112
E. Winterson	111
W. Kreitling	110
W. Kyle	107
S. Snedeker	96
A. Henderson	90
J. Hartshorne	71

PHILADELPHIA.

Effect of Weather on Stock.

The warm weather mentioned in last week's account of cut flower business as not having had a serious effect on stock became very serious indeed in its effects last week. For four days, from Sunday until Wednesday night, it was so hot that the buds were railroaded to maturity at a speed that rendered quality quite impossible. Strong rose canes produced buds that would ordinarily disgrace a weak shoot. The growers quickly set their teeth and disbudded harder than ever. Much of what they took in town spoilt. The store men were driven nearly frantic; to attempt to carry stock for a day was hopeless. Prices broke badly. Thursday brought cooler weather and clear skies, but business only improved a little.

The best to be said about the week is that it was a very bad one, growers, commission men and retailers all suffering serious loss. The present week generally brings a touch of frost, a few more chrysanths and plenty of cosmos. May it bring business too.

In times like last week the attention of everyone is naturally closely drawn to the expense column of his account book. What an expensive matter it is to spend a half day or more in selling a small quantity of flowers at the present prices? To say nothing of what is wasted as the day advances and the sun gets warmer.

The Boston men claim they sell their stock by 8 a. m. in their cut flower market and sell more than they did when they peddled it. As with them it brings all the buyers together. Would such a plan work in Philadelphia? It would be a great help to the small growers.

Club Items.

The Bowlers' League reorganized for the season on Monday. The Florists' club was represented by John P. Habermehl and Robert Kift. Mr. Habermehl was elected vice-president of the league. The tournament will begin November 1.

The October meeting of the club was held on Tuesday evening. The attendance was very fair, brought out by Mr. Michell's paper and the annual election. The paper was a most interesting account of Mr. Michell's trip through Europe. It is hoped that he may be induced to read another paper giving some cultural ideas.

The officers elected were William K. Harris, president; John Westcott, vice-president; J. W. Colflesh, treasurer, and Edwin Lonsdale, secretary. President Harris presented the club with a portrait of Thomas Cartledge, which was accepted on behalf of the club by Mr. Westcott, chairman of the house committee.

Trade Notes.

The "amateur rose growers," as the senior member of Myers & Samtman playfully styles his firm, are beginning to cut some long stemmed flowers. Their houses from 9 to 2 are filled with Beauties, Brides, Maids and Meteors which are in the very pink of condition. I never saw a finer lot of stock. The only possible criticism that could be made is to wonder whether the plants could be a trifle too pink for so early in the season. This firm's reputation would seem a sufficient answer to such a thought.

A few extra Beauties are bringing $2 a dozen in this market.

Choice Flora Hills are bringing $1.50 a 100.

A few more chrysanthemums are coming in town.

The very hot week was too much for the violets.

Cosmos now brightens the street corners, replacing tuberoses and asters. J. W. Y.

BOSTON.

Review of the Market.

With much more seasonable weather and the return to town of a majority of the country sojourners, together with the demand being fully equal to the supply, business this week has been very favorable and with some improvement in values. Roses, with the exceptions of strictly high grade stock, are very plentiful, and with large quantities of white pinks, are the only things that seem to be in oversupply. Both Brides and Maids are improving in quality, some exceptionally fine ones bringing $8.00 per hundred, and ranging from that down to $2.00, while $5.00 will purchase a good average rose; Kaiserins not so plenty, good ones easily bring $8.00. There are enough Beauties to supply the demand. Welch Bros. having daily receipts of elegant stock, selling at from 75 cents to $3.00 per dozen. Meteors sell well at from $4.00 to $6.00, while some nice Carnots easily bring from $8.00 to $12.50 per 100.

Carnations outside of whites are good property and are cleaned up daily. Mrs. Fisher and McGowans average about $1.00 per hundred, some fine blooms from inside will bring $2.00. Scotts run from $1.50 to $2.00. Daybreaks $2.00, and reds from $1.00 to $2.00 per 100. Fancies, such as Flora Hill, Bradt, etc., sell from $2.00 to $4.00 per 100.

Chrysanthemums are a good deal more in evidence this week, quite a few of the variety Mrs. Bergman now coming in, and enough to bring down the prices to about $2.00 per dozen. A few Yellows, Marion Henderson, have been brought in, but quality is not first class. With a few cool days, violets have made their appearance, mostly single Russians and Campbells; $1.00 per 100 is the selling price. Odds and ends are good property, put up in 25-cent bunches.

News Items.

It is rumored that James Slattery, Redican's right hand man, is to succeed to the business, under the Hotel Thorndike.

At the hall on Saturday J. E. Rothwell exhibited an elegant specimen of Oncidium varicosum, and a beautiful plant of Cattleya aurea var. Rothwellianum. The committee on plants awarded him a gratuity. E. J. Mitton had two fine specimens of Cattleya labiata, also receiving a gratuity.

The seedsmen report a good demand

for bulb stock of all kinds, with a scarcity of Japan longiflorum, and more than an average demand for forcing tulips.

Chas. H. Allen, of New York, and A. C. Dimmock, of St. Albans, England, have been visitors this week. P.

NEW YORK.

Business Conditions.

It may be truly stated that business is steadily improving, and that from now on every florist will find something to do. This will not interfere with the market only to raise the price on a few specialties. Flowers are very abundant and are likely to be so until the cold weather sets in. There are no such things as set prices these days, for one day there may be a run on a certain flower and prices stiffen, the next week they are away down; for instance, good roses could be bought for $3.50 per thousand last week, and carnations brought double that; this week it may be otherwise, still at time of writing Cattleyas are from 35 to 40 cents; they are plentiful and very fine. Valley is abundant and brings from $2 to $3; some especially fine from Jurgens, of Newport, was seen at John Young's.

Roses are from 50 cents to $4; Beauties from $5 to $25; Asparagus, $50 for long strings; smilax, $10; violets, 50 to 75 cents; chrysanthemums, from $1 to $3 per dozen; adiantum, 75 cents; dahlias, 50 cents to $1; Bouvardia Humboldti, 25 cents a bunch; tuberoses, 35 cents per dozen spikes; carnations, 75 cents to $1.

Thirty-fourth street market on early mornings is a sight. We were there at 6 a. m. Saturday last and counted no less than 200 buyers and growers. It was a busy spot and any visitor to New York City should visit this place; it is full of interesting sights. Every phase of New York florist life may be sen there, and whilst we're on the question of visitors, many complaints have been made regarding the snobbishness and imperial attitudes assumed in many stores here. Our country cousins must excuse the actions of many city dudes, because they know no better. If the friends of The Review will kindly call on its humble writer here he will do his best to show them or direct them to the points of interest in New York floriculture.

Every store is clean and bright, well furnished with plants, and most of the windows show beautiful arrangements of flowers and ferns. There is nothing specially new to be seen. Cattleyas are shown in all wreaths with water glasses attached. Many windows are full of orchid plants. Adiantum Farleyense is seen in every prominent store and it is fine. Mums are still poor and scarce. Violets are poor; roses are getting to be presentable. There are many new roses on the market, but we will deal with them later.

Florist Club Meeting.

There was quite an enthusiastic meeting of the Florists' Club held on Monday, Oct. 10. Our smiling, good natured Wm. Plumb occupied the chair and had his hands full deciding which was the better authority, Cushing or Hoyle. Parliamentary frills choke off many a practical discussion and it is often merely a kind of Greek fire to illumine a sad waste of valuable time. However, the meeting was a most interesting one, and much good was accomplished.

Messrs. Alex. Burns, Theo. Lang, Lawrence Hafner, E. Lenly and Theo. Roehrs were appointed a committee to organize a bowling club as an adjunct to the Florists' Club; so hereafter the New York Florists' Club will be officially represented by a good team at the conventions, and so forth: Philadelphia, Buffalo and St. Louis bowlers, please make a note of it.

Mr. H. A. Siebrecht brought up the question of steamship companies refusing to receipt for flowers sent to passengers. A committee was appointed to wait on these different companies and lay the matter before them and induce them to give receipts for flowers thus sent. Mr. O'Mara, as a member of the legislative committee, reported that they had made arrangements with the express agents in Jersey that florists' goods marked "Florists' Stock" would be delivered promptly and without the delays of inspection, and that nursery stock should be accompanied with a certificate of inspection in order to facilitate its delivery. Several new members were proposed.

Mr. E. Asmus, West Hoboken, exhibited a vase of his grand new hybrid tea rose, Liberty. This rose is most appropriately named and promises to be one of the best acquisitions to commercial roses seen here in many years; it resembles the Meteor in form and substance, but if it can be grown cheaper it will replace that rose because it is sweeter. The judges are to examine the rose as growing in the greenhouse and report on it.

The Rosary Flower Co. exhibited a new cattlyea named C. labiata Mrs. Clarence H. Mackay. This was a beautiful plant with eighteen blooms; it will be illustrated and described in an early issue.

Mr. E. V. Hallock, the speaker of the evening, was then introduced and gave a most interesting talk on "Impressions Gathered Abroad." After describing the Botanical Gardens and Parks of Ireland, Scotland, England and France, he said his advice to every young man was that there was no country which gave the same opportunities as the United States; that there was room for energy and intelligence everywhere, but it brought better results here. He paid high tribute to the taste displayed amongst the florists of Paris, and thought they came nxt to our own. A long discussion followed on methods of disposing of stock, public markets, etc., and this matter promises to lead to interesting results at some future meeting.

The Gardeners' Society met on Oct. 8 and a committee consisting of Messrs. Withers, Donlan, Manda and Marshall were appointed to arrange for a chrysanthemum show for next meeting. Robert Angus will read a paper on Violets, and John Shore one on celery at the November meeting.

Notes.

Wenham has opened a florist store at 26 East Forty-second, directly opposite the new store of John S. Nicholas, at 37 East Forty-second. This street promises to be a florists' center.

Recent visitors: Carl Jurgens, Newport, R. I.; Thos. Galvin and Wm. E. Doyle, Boston, Mass. D.

ST. LOUIS.

The Market.

Trade in cut flowers has been fairly good the past week, with demand for good stuff not ahead of supply. There is hardly a scarcity in any kind of roses except it be good long Beauties. In roses there are plenty of Brides, Maids, Meteors, Perles and Woottons. Price runs all the way from $1 to $4 per hundred.

Carnations are not scarce by any means, only in fancy stock is there any scarcity. Price remains the same, 75 cents and $1 per hundred.

Good violets are still absent, though a few singles are coming in that are fair and sell at 25 cents. On valley the price remains $4, stock good but not overplentiful.

Chrysanthemums are arrlving slowly; none are in bloom as yet among our local growers. Cosmos is now coming in better and quite plentiful at 50 and 75 cents. Tuberose spikes sell well at $3 and $4. Smilax, adiantum and asparagus had quite a call last week.

Decorations at Veiled Prophets' Ball.

The decorations at the Veiled Prophets ball last Tuesday night were elaborate. Quite a number of hanging baskets were used. About ten wagon loads of plants and 2,000 strings of smilax. Taken as a whole the effect was fine and much admired by all. The Riessen Floral Co. surely deserve great credit for the manner in which they executed the work. The flowers used by the majority attending were Beauties, Meteors and carnations; bunches mostly carried, although many were worn.

Exhibition Awards.

The floral and plant exhibition at the thirty-eighth annual St. Louis fair, held October 3 to 8, was a grand success and quite a number of florists were in attendance. On big Thursday prizes were awarded on cut flowers, de-

signs and table decorations. On Tuesday all the premiums were awarded on plants. The result was as follows:

Best, largest and most tastefully arranged collection of greenhouse and hot house plants, 1st, Wm. Schray; 2nd, C. Young & Sons Co.

Best pair hanging baskets of plants, 1st, Wm. Schray; 2nd, C. Young & Sons Co.

Best collection Rex begonias, 1st, Wm. Schray; 2nd, C. Young & Sons Co.

Best collection named geraniums, 1st and 2nd, C. Young & Sons Co.

Best collections of carnation plants in bloom, 1st, Chas. Kraatz; 2nd, Wm. Schray.

Best collections palms, 1st, Wm. Schray; 2nd, C. Young & Sons Co.

Best specimen plant of any kind, 1st, Wm. Schray; 2nd, C. Young & Sons Co.

Best collection ferns, 1st, C. Young & Sons Co.; 2nd, Wm. Schray.

Best collection colored foliage plants arranged to produce greatest contrast of colors, 1st, Wm. Schray; 2nd, C. Young & Sons Co.

Best twelve roses in bloom, four varieties, 1st and 2nd prize, C. Young & Sons Co.

Best collection of twenty-five blooming plants for house decoration, not more than three varieties of any one species, 1st, Wm. Schray; 2nd, C. Kraatz; 3rd, C. Young & Sons Co.

The prizes on cut flowers, designs and table decorations were:

Best floral designs, two pieces, one funeral and one festive emblem, 1st, C. Young & Sons Co.; 2nd, Ellison & Tesson.

Best and most artistically arranged display of cut roses, 1st, Ellison & Tesson; 2nd, C. Young & Sons Co.

Best table decoration, plants were used in connection with cut flowers, 1st, C. Young & Sons Co.; 2nd, Ellison & Tesson.

Largest, best and most artistically arranged collection of cut flowers, any kind except roses, all to be properly labeled, 1st, C. Young & Sons Co.; 2nd, Wm. Schray.

Best pair of parlor bouquets, 1st, C. Young & Sons Co.; 2nd, Ellison & Tesson.

Best collection cut carnations, 1st, Ellison & Tesson.

Best ladies' bouquet, 1st, C. Young & Sons Co.; 2nd, Ellison & Tesson.

Col. Max Herzog, of Gratiot Station, was judge on all the above awards.

The rule of the Fair association that all cut flowers and designs must be on exhibition (positively) by 10 a. m. Thursday to be judged was not lived up to by some of the florists. Those that had their displays ready by 10 a. m. were very much disgusted, as other exhibits were not ready by 4 p. m., and the stuff staged early was very much withered when the judge made his rounds.

The executive committee of our coming Chrysanthemum Show say this rule will be strictly enforced. Our rule reads that all cut flowers must be in position not later than 4 p. m. on the days named for their exhibition. Any one exhibiting under this rule must positively live up to it or be ruled out for competition.

Visitors.

Charlie Ford, representing A. Hermann, New York, is in town this week selling supplies.

H. Weber, of H. Weber & Sous, Oakland, Md., spent a day with us on his road home from the Omaha Exposition. Mr. Weber expects to exhibit a large number of blooms at our show next month.

Wm. Lyred, an old-time St. Louis florist, one of the way-backs in 1860, is in town. Mr. Lyred has been for the past five years in business at Paris, Texas, and expects to remain in St. Louis this winter.

J. D. Carmody, of Evansville, Ind., is still with us. He and his brother Pat were out at the fair on big Thursday.

The October meeting of the club will be held Friday night, October 14. All members are requested to be present, as business of great importance will be transacted.

The big lithograph posters announcing our Chrysanthemum Show are out and in the windows of all the florists by this time. From all appearances St. Louis will score a big success this year.

Bowling.

The Bowling Club rolled four games on Monday night, eight members rolling, and some very good scores were made. It was decided to roll a match with a team composed of all outside of the trade. The team is known as Capt. Schaff's team; match to take place Thursday night of this week. Scores of Monday night were as follows:

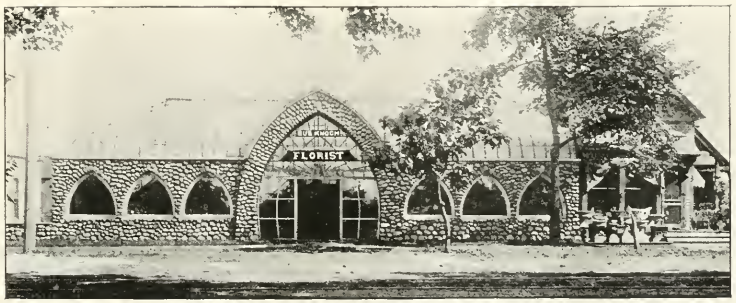
	1	2	3	4	Tot.	Av.
C. A. Kuehn.	132	158	174	174	638	159½
D. Finlason .	...	134	200	110	444	148
J. Kunz	134	121	137	174	566	141½
C. Sanders	127	136	182	112	557	139¼
R. F. Tesson..	...	154	121	128	403	134 1-3
F. J. Fillmore.	91	165	155	104	575	128¾
J. J. Beneke...	104	128	116	120	468	117
E. Schray	82	126	104	131	443	110¾

J. J. B.

AN ATTRACTIVE SHOW HOUSE.

We present in this issue a view of the store and show house of Mr. Gus. Knoch, of Woodmere, Mich., a suburb of Detroit. Mr. Knoch does a general business, making rather a specialty of palms and ferns. Being located near a large cemetery, he naturally gets a good many orders for planting beds and filling vases in same, as well as floral designs.

But what seems to us of special interest is the style of construction of the show house. It is certainly a very pretty architectural effect, and indicates that Mr. Knoch understands the importance of presenting an attractive exterior as well as keeping the kind of stock to tempt buyers after they have been attracted.



Showhouse of Mr. Gus. Knoch, Woodmere, Detroit, Mich.

BUFFALO.

There is little new in our frontier town that will interest the readers of The Review. Flowers are improving in quality and demand is making feeble efforts to keep the pace. If she does not we throw a bouquet back at her encouragingly to help a halting step, knowing that in a few weeks with cooler weather her second wind will be recovered and then we will have to travel at a rapid gait to keep abreast.

Visitors.

The only notable in town this week was the honorable E. H. D. F. O. B. Baisley, representing the Detroit Flower Pot Mfy. Doors and entrances and exits of all kinds will need a remodeling enlargement if Harry con-

tinues to grow in width. When we first had the honor of his acquaintance a hat that measured 6¾ became him as does his smile. Now 7½ is required to envelop his massive brain. A very handsome report of the year's work on the beautiful Detroit parks preceded the arrival of Mr. Balsley, and as he is president of the Board of Park Commissioners it is proof that there is something under that hat besides "pôtter's clay." The amount of air, wind or gas, which escaped a few inches lower than the brain at the convenient aperture always led us to believe that nothing but the purest unalloyed gray matter ever reached the spacious seat of understanding with which by nature Mr. B. has been furnished.

Exhibition Items.

There is good tidings about our exhibition in November. A magnificent situation has been secured right in the heart of the city. Many outside friends have kindly said they would exhibit more or less, and if our own members will now co-operate and not leave it to a few overworked members it will be a grand success. But whether they join in the work or not we heartily invite them to join in the exhibition. The florists of Buffalo can on certain occasions be brought together very nicely. The absentees are absent through indifference and ignorance, or as some people would call it, selfishness, but it is not selfishness. It takes a real smart man to be selfish; it is pure ignorance, and God have mercy on his soul, if not here in the next.

Bowling Notes.

The Buffalo Bowling Club, or the active members who are likely to be the bowlers, had a game on a strange alley last Friday with this result:

	1st.	2d.	3rd.	Condition
W. F. Kasting..	54	103	213	Recovers
D. B. Long.....	175	84	63	In thought
P. Scott	105	155	211	Returned vigor
S. A. Anderson..	196	191	201	Cool and collected
W. A. Adams...	111	111	111	As usual
W. J. Palmer, Jr	85	83	201	Reviving
J. H. Rehstock.	115	233	...	Seems impossible
H. Millatt	84	83	82	Will improve
Wm. Legg	164	109	175	Gaining strength
Old Man Scott..	190	213	240	Inspiration
W. B. Scott.....	89	90	200	Has much to learn
George McClure.	190	175	214	A total abstainer
M. Bloy	180	163	192	Normal

W. S.

ALBANY, N. Y.

Accompanied by hospitable Sam Goldring, I took a run through Highland Park, which is looking at its best after the recent rains. Some very effective bedding with aim for color effect is marked. The dwarf scarlet sage, Clara Bedman, is in a blaze. It is a fine border plant or as planted in groups. Clematis paniculata is one mass of bloom, filling the air with its fragrance. Why is not this valuable climber not used by everyone who can find room for it? The flower is invaluable for design work.

A drive of one hour brought us to Slingerlands, where the genial Fred Goldring was comparing the difference between violets of own stock and some recently purchased; own stock had a decided advantage.

Carnations both planted out and carried over the summer in houses look well. A white seedling is all one could wish, and the sweet Katherine is proving a sterling variety. It is snow-white and deliciously scented. Haettel is useless as a winter bloomer, but a first-class summer flower, and, by the way, I noticed my old friend Mepstead records a similar experience at Ottawa, Canada.

In roses, Beauty, Bride, Maid, Perle and Meteor are all well grown. The latter variety is cut and not pinched back. This causes the plant to throw out stronger breaks. A curious fact is noticed with Bride and Bridesmaid; stock planted of one supposed true kind changes from pink to white, or vice versa. This change is seen in the human family, but I have not seen it recorded of this rose.

In ferns I noted a big success with Davallia stricta, which is one of the best kinds for dishes. But few are fortunate in raising a stock of this. Aspidium tensimense, whilst a hardy and desirable variety, is very susceptible to thrips and must be kept clean or it rusts terribly. The golden onychium (O. auratum) does finely, planted in a bench. The fronds are used for cutting; it is a beautiful thing.

The hospital or boarding house is bidding adieu to its guests for the season, and the space filled up with azaleas and lilies. Azaleas have kept over finely and are superior to imported stock.

Chrysanthemums are grown both in pots and on benches. They are highly promising. All the stock grown is consumed at the city store, where Sam says business was better last month than many previous Augusts.

H. G. Eyres reports a similar experience. The floral parade at Saratoga was this year even more elaborate than ever. For five days previous Mr. Eyres had eight men hanging wreathing, which was dotted, early upon the

[Continued page 518]

Simplicity in Greenhouse Construction.

During our long experience we have not only made many improvements in greenhouses, but we have so simplified the construction that building a greenhouse is no longer a matter so full of complications as to tax the patience and the ingenuity of even the most intelligent mechanic. Our

Clear Cypress Building Material

is worked out in the best manner ready to be put up, and we furnish our customers such complete detail drawings that any workman of only ordinary capabilities can put it up correctly.

Write for Circulars or Estimates.

Lockland Lumber Co.

LOCKLAND, OHIO.

Mention The Review when you write.

WANT ADVERTISEMENTS.

WANTED—Assistant florist; name references and wages expected. Address Geo. Souster, Elgin, Ill.

WANTED—First class young man to work under foreman; state wages with board. Samuel Murray, 1017 Broadway, Kansas City, Mo.

SITUATION WANTED—In or near Chicago, by a middle-aged Danish gardener (single) in greenhouse or nursery. Address D., care Florists' Review.

SITUATION WANTED—As foreman, by a first class grower of roses and cut flowers; only a first class place wanted; good wages expected; best of references; open for an engagement now or any time later. Address Grower, care of Florists' Review.

SITUATION WANTED—By competent man with 22 years' experience, position as foreman in good establishment. Address Alex, care of Florists' Review.

SITUATION WANTED—As foreman or grower in good sized place; 15 years experience in every line of the trade; roses and carnations a specialty, including Am. Beauties; age, 30 years and married; best of references. Address S. S., care Florists' Review.

WANTED—A man that is capable of taking charge of 100,000 feet of glass, growing tea roses. Must be No. 1 in growing. Good wages and steady employment. Bassett & Washburn, Hinsdale, Ill.

FOR SALE—Four greenhouses, nearly new. Good retail stand. A. CLAUS, Springfield, Ill.

FOR RENT OR SALE—First class retail stand, 5,000 feet of glass. New. In city. Ought to net good man at least $3,00 per day. Must buy stock, about $500.00. Reason for selling, failing health. Address "Illinois," care Florists' Review.

SITUATION WANTED—By expert grower of plants and cut flowers. Competent in every department. Seeks a situation where he may have a chance to make his services worth more than in his present place. Can surely advance his employer's interests if given suitable opportunity. Address S. D., care Florists' Review, Chicago.

For Sale. First Class Florist Store in center of city, fine trade and cheap rent. Owner leaving city. Address **Miss WELLS, 234 N. Howard St., Baltimore, Md.**

Mention Florists' Review when you write.

ISN'T THIS LOGIC?

"The man who whispers down a well
About the goods he has to sell,
Won't reap the gleaming golden dollars
Like one who climbs a tree and hollers."

CHICAGO, Oct. 13, 1898.

ROSES

Beauties, long	per doz.	$1.50—$2.00
" medium	"	1.00— 1.50
" short	"	.75— 1.00
Brides, Maids	per 100.	2.00— 3.00
Perles	"	2.00— 3.00
Meteor and Kaiserin	"	2.00— 4.00
Roses, 2nds average about	"	2.00

CARNATIONS

McGowan, Storm King, Alaska, Daybreak, Scott, Portia, Armazindy and others, house grown, per 100. $4.00—$1.25
Same varieties also, Fisher, Silver Spray, Tidal Wave, Century, field grown per 100, .75— 1.00
Triumph, Painted Lady, Albertini and other fancies per 100, 1.50

Above prices for good prime stock. Extra Select, and inferior quality charged for according to value.

E. C. AMLING WHOLESALE CUT FLOWERS

Announcement...

Our price list will be found in these columns each week. Any of our customers failing to receive their copy regularly will confer a favor by notifying us promptly.

Carnations... —Our Specialty

MISCELLANEOUS

Alyssum	per 100,	$ .25
Cosmos, fine local grown	"	$1.00—
Chrysanthemums	per doz.	2.00
Dahlias	per 100,	1.00
Feverfew	"	.50
Marguerites	"	.25
Valley, good home grown	"	5.00
Violets, double	"	.60— 1.00
" single	"	.40— .75

DECORATIVE

Asparagus	per string,	$ .35—$ .50
Ferns, common	per 100,	.15
"	per 1000, $1.25	
" Maiden Hair, Ex. Fancy	"	1.00
" " ordinary	"	.60— .75
Galax, green, new crop	"	.15
"	per 1000, $1.00	
Smilax, good	per doz.	$1.20
" Wild, parlor brand, case	"	3.75
" Medium, case	"	5.50
" Large,	"	8.00

As it is yet too early to carry Wild Smilax in stock four days' notice is necessary.

P. & D. AT COST.

Use the code. It will save you money. We know what it means. Get your orders in as early in the day as possible.

Quotations Subject to Change Without Notice. Write for Prices on Large Quantities for Special Occasions.

Regardless of prices quoted we always bill out at lowest market rates.

Store open from 7:00 A. M. until 6:30 P. M. Sundays and Holidays, closed at noon.

W. S. HEFFRON, MANAGER.

E. C. AMLING, 51 Wabash Ave., Chicago, Ill.

A Great Bargain.

Ageratum, Monstrosum and **Cope's Pet,** 2-inch pots, 50c per 100.

Cuphea, Segar Plant, 2-in. pots, $1.00 per 100.

Rudbeckia, Golden Glow, from 3½-in. pots, $4.00 per 100.

Achillea, The Pearl, from 3½-in. pots, $4.00 per 100.

Coreopsis Lanceolata, from 3½-inch pots, $4.00 per 100.

Grevillea Robusta, 8 in. high, $4.00 per 100.

Statice Armeria, from 3½-inch pots, $4.00 per 100. CASH, PLEASE.

Edward B. Jackson, STAMFORD, CONN.

Mention Florists' Review when you write.

THE BEST FOR ALL Florists

"ROSE LEAF" EXTRACT OF TOBACCO INSECTICIDE

For Sale by Seed Stores

For Free Pamphlet, write to

Louisville Spirit Cured Tobacco Co. Louisville, Ky.

Mention Florists' Review when you write.

Buy from the Advertisers in the... Florists' Review

(always mentioning the paper) and thus increase the earning power of your Certificate.

BEGONIAS! BEGONIAS!! Fine Plants for Stock or for Market Sales.

Following named varieties, in 3-inch pots, $4.00 per 100; 2-inch pots, $2.50 per 100.

MME. de LESSEPS, ARGENTEA GUTTATA. COMPACTA, ALBA PICTA, THURSTONI, ARGYROSTIGMA PICTA, McBETHI or HYBRIDA RICHARDSONII. HYBRIDA MULTIFLORA, FUCHSOIDES COCCINEA, SANDERSONI.

Following in 2-inch pots only, $2.50 per 100: **President Carnot, Robusta, Decora, Alba Perfecta,** and a large number of other varities at same price. The 3-inch plants are nice, large plants, ready for 4 or 5-inch pots, and the 2-inch plants are ready for 3-inch pots. Cuttings can be taken from them now, and they are in fine shape for winter propagating, or will make nice specimen plants for market trade.

THE GEO. H. MELLEN CO. INNISFALLEN GREENHOUSES SPRINGFIELD, OHIO.

Mention Florists' Review when you write.

Rooted Cuttings of **Ageratum Princess Pauline,** the most distinct and novel variety of dwarf compact habit, color sky blue, most desirable plant for retail trade, per 100, $2.00.

Cyclamen Persicum in four colors, fine plants, 4-in., per 100, $12.50. **Roses** - Souv. de Wootton and Bougere, 4-inch, per 100, $5.00. **Field Grown Carnations,** Jubilee, Armazindy, Mayor Pingree, per 100, $7.00. Alaska, McGowan, Kohinoor, Daybreak, Rose Queen, Scott, Dorner and W. D. Sloane, per 100, $5.00. **Field Grown Canna** clumps, best varieties, $15.00 per 100.

Cash with order.

CHRIST. WINTERICH, DEFIANCE, OHIO.

Mention Florists' Review when you write.

NATIVE GUANO...

(Desiccated Night Soil)

The ideal florists' fertilizer. Contains all the elements of plant food available. Pleasant to handle. By bag, ton and car load.

STANDARD FERTILIZER CO.
1822 Filbert Street. PHILADELPHIA.

Mention The Review when you write.

Always Mention the.... **Florists' Review** When Writing Advertisers.

Stock Plants... of earliest of all Mums

LADY FITZWYGRAM,

Flowers 5 inches in diameter. Cut September 20. Last year September 17. $1.00 per doz. Cash with order, please.

FRED BURKI, Bellevue, Pa.

Mention The Review when you write.

....NOW IN COURSE OF PREPARATION....

THE Florists' Manual

By WM. SCOTT.

It will tell you just what you want to know in just the way you want to be told.

It will cover the whole field of Commercial Floriculture, the articles arranged alphabetically, so that reference may be quick and easy.

It will be a whole library in itself.

Price, $5.00.

Send in your order now.

Florists' Publishing Company

520-535 Caxton Bldg., Chicago.

morning of the parade, with asters and gladioli chiefly. Natural flowers were used entirely.

Amongst the many handsomely equipped vehicles were two carriages, respectively adorned with pink and white and blue and white asters.

T. J. Totten furnished many of the flowers consumed, and his six-foot Beauties were in big demand. Pretty hard to supply many, however, just yet. A little later and his stock will be immense.

Fred Danker, the Maiden (Lane) florist, is much pleased with results since he launched out a year ago.

W. M.

CINCINNATI.

Club Notes.

The regular monthly meeting of the Cincinnati Florists' Society was held last Saturday evening. The attendance was not very large, but considerable business was transacted. Jas. B. Allen was proposed for membership. The secretary read the revised schedule which was prepared by the directors at a special meeting. The same was accepted and a vote of thanks tendered the committee. E. G. Gillett and Jos. Allen were elected to serve as judges for the coming exhibitions.

Business Conditions.

Business about town is only fair. A good heavy frost no doubt would help things wonderfully as cosmos, dahlias and all out-door stock can be had by the ton at present. The wholesale men all report a good shipping trade, especially is the demand good for Mums and Beauties. Stock does not improve in quality as fast as we would like to see it, but this can be accounted for by the continued hot weather.

News Items.

Henry Schwarz is going about with his hand in a bandage. He met with an accident while glazing one of his houses last week and nearly severed a couple of fingers.

Critchell's Sons have their 5 new houses complete and are now ready for cold weather. They will not attempt any more building this season.

W. J. Gray, of College Hill, is erecting a new rose house especially for Meteors.

Robert Ehrgott, formerly in business here, will shortly leave for the far west on account of poor health.

Peter Barr, the celebrated seedsman of Covent Garden, London, was in town last week.

J. A. Peterson left for the east Tuesday night on a business trip. B.

Vaughan, McKellar & Winterson,
WHOLESALE FLORISTS,
45-47-49 Wabash Avenue, CHICAGO.
CUT FLOWERS AND ALL FLORISTS' SUPPLIES.
Orders booked now for Xmas
Holly and Bouquet Green.
See our Advs. of CYCLAMEN PLANTS elsewhere in this paper.

Bassett & Washburn
88 Wabash Ave., CHICAGO, ILL.
Wholesale Growers of and Dealers in CUT FLOWERS
Greenhouses at Hinsdale, Ill.

Lynch WHOLESALE FLORIST. 19-21 E. RANDOLPH ST. CHICAGO
Mention The Review when you write.

A. L. RANDALL
Telephone 1496
Wholesale Florist
4 Washington St., Chicago.
In our new and enlarged quarters we are better prepared than ever to handle your orders.

Full Line of Wire Designs and Florists' Supplies
S. B. WINTER
Successor to Winter & Glover
Write for Illustrated Catalogue.
21 Randolph St. CHICAGO.
HIGH GRADE **Cut Flowers**
Properly Packed and Promptly Forwarded.

WHOLESALE GROWER OF ROSES. DEALER IN CUT FLOWERS.
J. A. BUDLONG,
37-39 Randolph St.. CHICAGO. ILL.

Cincinnati Cut Flower Co.
W. A. MANN. FRANK W. BALL.
4th and Walnut Sts. CINCINNATI, O.
Wholesale Florists
Consignments Solicited.
Special Attention Given to Shipping Orders.

HOLTON & HUNKEL CO.
Wholesale Florists
And Florists' Supplies.
Phone 874. WIRE DESIGNS—OUR OWN MAKE
457 Milwaukee St.
P. O. Box, 103. Milwaukee, Wis.

WIETOR BROS.
SUCCESSORS TO
Rogers Park Floral Co.
WHOLESALE GROWERS OF **Cut Flowers**
All telegraph and telephone orders given prompt attention.
51 Wabash Ave. - CHICAGO.
Mention Florists' Review when you write.

A. G. Prince & Company Telephone .....Main 3208
Agents for..... HINSDALE ROSE CO.
WHOLESALE CUT FLOWERS AND FLORISTS' SUPPLIES
88 and 90 Wabash Ave., - Chicago

C. A. KUEHN WHOLESALE FLORIST
Cut Flowers and Florists' Supplies.
Manufacturer of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.
1122 PINE STREET, ST. LOUIS, MO.

ST. LOUIS CUT FLOWER CO.
Wholesale Florists
E. H. MICHEL
1322 Pine St., St. Louis, Mo.
Mention Florists' Review when you write.

...LOUISVILLE...
Florists' Supply and Exchange
Wholesale Florists and dealers in Florists' Supplies
Special facilities for shipping south. Unequaled returns for good stock. Open night and day.
520 W. Jefferson St., Louisville, Ky.
Mention The Review when you write.

M. RICE & CO.
EXCLUSIVE IMPORTERS AND MANUFACTURERS .....OF **Florists' Supplies**
25 N. 4th St., PHILADELPHIA, PA.
Mention The Review when you write.

Orders should be placed NOW for
Kelsey's Southern Galax Leaves,
Brilliant Green and Bronze Green are ready. Bronze about last of October. Information free of leading Wholesalers, or the Introducer,
HARLAN P. KELSEY,
1150 Tremont Bldg., BOSTON, MASS.
Prop'r Highlands Nursery in North Carolina.
Mention Florists' Review when you write.

SEE OUR PRICE LISTS IN TRADE PAPERS

KENNICOTT BROS. Co.

Long Distance Telephone Express 466

Wholesale Cut Flowers

and Florists' Supplies.

88 Wabash Avenue, Rooms 22 and 23 CHICAGO, ILL.

UNDER THIS DATE, OCTOBER 13, WE QUOTE AS FOLLOWS:

P. AND D. AT COST.	PER 100.
AMERICAN BEAUTIES, long	$15.00 to $20.00
" " medium	10.00 to 12.50
" " short	5.00 to 6.00
BRIDES, METEORS	2.00 to 4.00
MAIDS	2.00 to 4.00
PERLES	2.00 to 3.00
ROSES, our selection	2.50
CARNATIONS, common	.75 to 1.00
" fancy	1.25 to 1.50
TUBEROSE "SPIKES"	3.00 to 5.00

P. AND D. AT COST.	PER 100.
VALLEY	$ 5.00
VIOLETS	.60 to $ 1.25
CHRYSANTHEMUMS	10.00 to 25.00
ADIANTUM	.60 to 1.00
SMILAX	10.00 to 12.50
FERNS, common	.20
" " per 1000	$1.50

Write for special quotations on large lots of Carnations.

Above prices subject to change without notice. All Flowers in season at lowest market rates. FLORISTS' SUPPLIES and WIRE WORK a specialty. On WIRE GOODS we can discount OUR OWN OR ANY OTHER LIST. Write for particulars. Store open week days until 6:30 P. M. Sundays and Holidays until noon only.

Respectfully yours,

KENNICOTT BROS. COMPANY.

Mention The Review when you write.

HARDY CUT FERNS.

Write for Prices.

FANCY DAGGER

L. B. BRAGUE,

Oldest, largest and most reliable dealer in the U.S. HINSDALE, Mass.

Mention Florists' Review when you write.

PALMS AND FERNS.

All sizes and varieties.

OUR OWN GROWN. Send for list.

ELLIS & POLLWORTH,

137 Oneida Street, MILWAUKEE, WIS.

Mention The Review when you write.

500 Chinese Primroses

IN MIXED COLORS.

Large plants from 3¼-in. pots; will soon flower. $3.00 per 100.

300 Begonias from 3 and 3½-in. pots, a good assortment, $3.00 per 100. Cash with order.

WARREN HUCKLEBERRY, - - North Vernon, Ind.

Mention The Review when you write.

Pittsburg Cut Flower Co., Ltd.

No. 705 PENN AVE., PITTSBURG, PA.

WHOLESALE CUT FLOWERS.

Long Distance Telephone 2157. Consignments of Choice Stock solicited

Mention The Review when you write.

LONG'S Stationery for Florists.

New Ideas, including ANNOUNCEMENTS, BLOTTERS, CARDS, LETTER HEADS, CUT FLOWER TAGS, Etc., Etc.

Five Samples 5c in stamps. Twenty-five Samples, 20c.

DAN'L B. LONG, PUBLISHER, BUFFALO.

Mention The Review when you write.

A Chrysanthemum Show

will be given at BENTON HARBOR, Mich., IN NOVEMBER. $40.00 in Premiums.

For particulars, address—

Mrs. J. N. REED,

125 Britain Ave. Benton Harbor, Mich.

Mention The Review when you write.

The Pittsburg Florists' Exchange,

Consignments Solicited. We command a Good Market.

Wholesale Cut Flowers and Florists' Supplies....

444 Sixth Ave., Pittsburg, Pa.

Mention The Review when you write.

E. G. HILL & CO.

RICHMOND, Indiana.

Mention The Review when you write.

Smilax Plants, $1.50 per 100, $14.00 per 1000, Vinca Var., 1 yr., $4.00 per 100, 2 yr., $8.00. Hydrangea Otaksa, 2 yr., 20c to 25c each. All extra strong, field grown.

Cash with order. Dann & Son, Westfield, N. Y.

Mention The Review when you write.

ST. PAUL, MINN.

Trade for September showed a general improvement over last year. We have but very little cool weather, consequently the demand is not as brisk as one might expect at this season. However, there is a good, steady demand for funeral work with an occasional wedding or reception to help swell the total sales.

The funeral of the brave Major Wilkinson and his five comrades, killed by the Indians, called for a large amount of flowers.

Stock is improving daily in quality, and there sems to be enough good quality to supply the demand. The best teas are worth $4.00 per 100. Beauties $12.50 to $25. Carnations are now very fine, the newer varieties, Flora Hill, Triumph, Evelina, Bon Ton and Firefly, showing up in fine shape. They sell at $1.00 to $2.00 per 100.

A few violets of inferior quality are brought in, but not enough to establish any market or price for them.

Mums are a little more plentiful.

Fitz Wygram are about all gone, while Mad Bergman were seen for the first Oct. 5th. Another week will see the mum season fairly opened.

Improvements are always the order of the day with progressive florists. In this line E. F. Lemke's new store on West Sixth street is most prominent, this week. It is light and airy, fitted out in modern style and bespeaks a good trade.

Holm & Olsen are also enlarging their store, having rented the store next to the old one, put in a new refrigerator and otherwise improving the appearance of their place.

L. L. May & Co. have an orchid window which attracted attention the past week. Several varieties of cattleyas and a stanhopea were prominent among the collection.

Mr. Kraft, of tonic fame from Rockford, Ill., was a caller on the trade here the past week.

J. C. Vaughan, of Chicago; S. S. Haines, of Minneapolis; T. T. Baggerly, representing C. Hennecke Co., were recent callers. X. Y. Z.

INDIANAPOLIS, IND.

A meeting of the Indianapolis Florists' Club was held at the greenhouses in Garfield Park Oct. 4. A paper was read by John Heidenriech and a committee was appointed to warn the public against the wiles of the "crape chaser." On the 5th the club members were the guests of Messrs. Stuart & Haugh at Anderson.

ELGIN, ILL.—Mr. Geo. Souster has leased the Schlaack greenhouses and will conduct same in connection with his other plant.

HAMILTON, ONT.—The Horticultural Society has decided to hold an exhibition in November. At the last meeting Chas. Webster read a paper on bulb culture.

SAMUEL S. PENNOCK,
Wholesale Florist,
LONG DISTANCE TELEPHONE
1612-14-16 Ludlow Street, ...PHILADELPHIA, PA.
Mention The Review when you write.

EXTRA HEAVY CLEAN ...STOCK...
Kentia Belmoreana
6-in., 5 to 7 leaves, $15.00 to $24.00 per dozen.
5-in., 5 to 6 leaves, $12.00 per dozen.
Kentia Forsteriana
6-in., 5 to 6 leaves, $12.00 to $18.00 per dozen
5-in., 4 to 5 leaves, $ 9.00 to $12.00 per dozen.
Field-Grown Carnations
A fine lot will be ready for Sept. delivery.
THE COTTAGE GARDENS,
QUEENS, N. Y.
Mention Florists' Review when you write.

TULIPS

	Per 1000
Single, mixed	$1.00
Single, in colors, separate	5.00
Double, in colors, separate	5.50
Freesia Refracta Alba, selected	4.50
Double Von Sion, selected Bulbs	15.00
Single Narcissus, mixed	5.00
Crocus, blue, yellow striped, white	3.00

L. C. BOBBINK,
RUTHERFORD, N. J.
Mention The Review when you write.

Areca Lutescens.
Three plants, 24 to 30 inches above pot, 6-in., $12.00 a dozen.
Also a few specimens 4 to 5 feet above 8 and 9-inch pots.
JOHN WELSH YOUNG, Germantown, Pa.
Upsal Station, Penna. R. R.
Mention Florists' Review when you write.

Cut Flower Exchange,
404 - 412 East 34th St., New York,
NEAR THE FERRY.
Open Every Morning at 6 o'clock for the sale of CUT FLOWERS.
Wall space for Advertising purposes to Rent.
J. DONALDSON, SECRETARY.
Mention The Review when you write.

Chinese Primroses.
Well Grown Plants, from choicest European and American Strains, in separate colors.
2-inch Standard Pots..... at $2.00 per hundred.
RICHARDS & SHEPPARD,
COATESVILLE, PA.
Mention The Review when you write.

GIVE US A TRIAL WE CAN PLEASE YOU.

ROSES, CARNATIONS, and All Kinds of Seasonable Flowers in stock.
WM. F. KASTING, Wholesale Commission Florist,
495 Washington St., BUFFALO, N. Y.
Also Dealer in Florists' Supplies and Wire Designs.
Mention Florists' Review when you write

WM. J. BAKER,
WHOLESALE CUT FLOWERS,
1432 S. Penn. Square, PHILADELPHIA, PA.
Original Headquarters for CARNATIONS.
Mention Florists' Review when you write.

WM. C. SMITH
Wholesale Florist,
1604 Ludlow St. PHILADELPHIA.
LONG DISTANCE PHONE.
Consignments of Choice Stock Solicited.
Our central location enables us to fill out-of-town orders at short notice.
Mention Florists' Review when you write.

H. Bayersdorfer & Co.
THE LARGEST SUPPLY HOUSE IN AMERICA
New Catalogue of all Florists' Supplies on application. For the trade only.
50 to 56 N. 4th Street, PHILADELPHIA, PA.
Mention Florists' Review when you write.

The Morris Floral Co.
MORRIS, ILL.
Wholesale Growers of Geraniums, Begonias, Heliotropes And Other Seasonable Plants.
100,000 now ready from 2½-in. pots, at $2.00 per 100. Send for price list now ready.
Mention Florists' Review when you write.

Always mention the Florists' Review when writing advertisers.

We can take on a few more consignors of **GOOD FIRST GLASS ROSES.** We want more stock for our shipping trade, and for stock that we can use for that purpose we can make satisfactory returns.

E. H. HUNT, 76-78 Wabash Avenue, **CHICAGO.**

Mention Florists' Review when you write.

HUNT'S WEEKLY QUOTATIONS

Taking effect Thursday, Oct. 13, 1898.

Subject to Change Without Notice.

We are Headquarters for CUT FLOWERS.

ROSES.

Good stock scarce.

Beauties, long	per doz.,	$2.00—3.00
" medium	"	1.00—1.50
" short	"	.50—1.00
Brides	per 100,	3.00—4.00
Kaiserin	"	4.00—5.00
Maids	"	3.00—4.00
Meteors	"	3.00—4.00
Perles	"	2.00—3.00
Our selection	"	2.00

CARNATIONS.

Selected Stock	per 100,	$1.00—1.50
Good	"	.75—1.00

GREENS.

Asparagus	per string,	$ .50
Ferns—Adiantum	per 100,	.75
Common Fancy	per 1,000,	1.50
Smilax	per doz.,	1.25—1.50

Wild Smilax, can supply on 4 days' notice. Large case $8.00; Medium 5.50; Parlor Brand 3.75

Galax Leaves, green, $2.00 per 1000.

MISCELLANEOUS.

Chrysanthemums	per doz.,	$1.50—3.00
Callas	"	1.00—1.50
Valley	per 100,	5.00
Tuberose Stalks	"	6.00
Ivy Leaves	"	.60
Alyssum	"	.15

HUNT'S FLOWERS GO EVERYWHERE.

☞ Special Attention given to the Shipping Trade.

LIL. LONGIFLORUM, very scarce.

We offer until sold: 5x7, per 100, $1.50; 6x8, per 100, $2.50; 7x9, " 4.50. Fine stock Hyacinths, Tulips, Narcissus. Send for prices.

Fresh Aralia Sieboldi Seed, beautiful decorative plant, per 100 seeds, 25c; per 1000 seeds, $2.25, delivered. A fine lot of Calla Ethiopica, to clear stock:—sound center shoots, 3x5, per 100, $3.00; 4x6, per 100, $5.00. Pansy Seed, choicest Giant, 1000 seeds, 25c. Cyclamen Gigauteum Seed, per 1000 seeds, 75c. Address

H. H. BERGER & CO., 47 Barclay St., **NEW YORK.**

Mention The Review when you write.

PANSIES Worth Raising. **Excellent Seed.**

3-16 oz., $1.00; 1 oz., $4.00. Up in 8 to 10 days if properly treated. **Fine Stocky Plants,** $4.00 per 1000, F. O. B. express. Cash with order.

C. SOLTAU & CO.,

199 Grant Ave., JERSEY CITY, N. J.

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GEO. A. KUHL,

Wholesale Cut Flowers, Roses and Carnations

PEKIN, ILL.

Mention The Review when you write.

SEND IN your order now for a copy of The Florists' Manual, by William Scott. It will cover the whole field of commercial floriculture and will be the standard work of reference for the trade. Price $5.00.

The Boston Fern

All sold out on largest size—$1.50 each. Can supply at 50c, 75c and $1.00 each fine specimen plants for 8 and 10-inch pots. Smaller, but from bench, at 20c for 5-inch, 25c for 6-inch pots. Large Stock. Very Fine. Low Prices for Good Goods.

L. H. FOSTER, 45 King Street, **DORCHESTER, MASS.**

Mention Florists' Review when you write.

REED & KELLER,

122 W. 25th St., NEW YORK CITY.

Manufacturers of **WIRE DESIGNS** and Dealers in

FLORISTS' SUPPLIES

Mention Florists' Review when you write.

Live Sphagnum Moss For Orchids, etc., $1.25 per bbl.

Sphagnum Moss First quality, 85c per bale, 10 bales $6.00.

Peat $1.20 per bale, quality A No. 1.

Z. K. JEWETT & CO.,

SPARTA, - - WISCONSIN.

Mention Florists' Review when you write.

Ornamental Shrubs,

HERBACEOUS PERENNIALS.

A specialty of Iris, Phlox, Pæonies, Pyrethrums, Poppies, etc. Wholesale List on application.

JACOB W. MANNING,

The Leading New England Nurseryman. ESTABLISHED 1854. **READING, MASS.**

Mention The Review when you write.

Send to **THE MOON** Company For Your { Trees, Shrubs, Vines, and Small Fruits.

Descriptive Illustrated Catalogue Free.

THE WM. H. MOON CO., Morrisville, Pa.

Mention Florists' Review when you write.

Pandanus Veitchii,

20 to 24 inches above pot, 7-in., $1.50 each. 24 to 30 " " 8-in., 2.00 "

Also specimens 3 to 4 feet above 9, 10 and 12-inch pots.

JOHN WELSH YOUNG, Germantown, Pa.

Upsal Station, Penna. R. R.

Mention The Review when you write.

CARNATIONS.

H. WEBER & SONS, - OAKLAND, MD.

Always mention the Florists' Review when writing advertisers.

WASHINGTON.

Roses are coming in now in large quantities, with quality fair for the season. Price averages from $2 to $4 per 100. Beauties are scarce and bring $10 to $20. Carnations are quoted at from $1 to $1.50, while violets are held at 50 cents. Market is glutted with cosmos.

J. L. Loose is rapidly repairing his store, which was recently nearly destroyed by fire. He intends remodeling his entire store, making it very attractive when completed.

The death of Burt Eddy was a blow to his many friends in this city, who sincerely mourn his demise.

Mr. W. N. Crawford, manager for the American Rose Co., will spend the next three weeks among the mountains of New York state for the improvement of his health.

Recent visitors were Messrs. Chas. D. Ball and M. Rice, of Philadelphia, and Mr. J. O. Harvey, of Lynchburg, Va.

F. H. KRAMER.

DUTY ON MUSHROOM SPAWN.

Under a decision of the U. S. General Appraisers, given at New York under date of September 29, mushroom spawn is dutable as seeds at 30 per cent ad valorem, under paragraph 254, Act of 1897. Following is the text of the decision:

BEFORE THE U. S. GENERAL APPRAISERS AT NEW YORK, SEPTEMBER 29, 1898.

In the matter of the protests, 35202b, 35835b, 36591b and 36591b, of H. T. Mitchell and O. G. Hempstead & Son, against the decision of the collector of customs at Philadelphia, Pa., as to the rate and amount of duties chargeable on certain merchandise, imported per Maine, Missouri, and Maine, and entered July 20, September 21, November 1, and December 6, 1897.

Opinion by WILKINSON, General Appraiser.

The goods are the spawn of the fungus known as the mushroom. They were assessed for duty as seeds at 30 per cent ad valorem under paragraph 254, act of July 24, 1897, and are claimed to be dutiable at 10 per cent ad valorem or 20 per cent ad valorem under section 6, or to be entitled to free admission as a crude vegetable substance under paragraph 617.

According to the evidence, it would appear that mushroom spawn are not technically seed. The seed are microscopic, and, floating through the air, some settle upon suitable soil and germinate into spawn mycellum or thread like tubes containing protoplasm, comparable physiologically to the root system of higher plants.

For propagation, a culture is prepared by making manure into pressed bricks. The spawn is placed in a hole in the brick, and under the proper temperature the spores multiply and permeate the bricks. These bricks, which preserve the plant life, are broken into pieces and planted and produce the mushrooms. This is the only form of germ which produces the cultivated mushroom, and it is known in trade and listed in catalogues as seed. Leading seedsmen testified at the hearing of the case that without official suggestion or constraint they had always entered their imported mushroom spawn as seed because they thought such was the proper classification.

We find upon the evidence that, commercially, mushroom spawn are seeds, and the assessment of duty at 30 per cent ad valorem under paragraph 254 is affirmed.

SPRINGFIELD, O.—The Home Floral Co., under the management of Phil Wiseman, have opened a floral store on Limestone street.

4 Acres Field-Grown Carnation Plants, 91,000

Our Carnations are first-class in every respect, free from disease, and packed lightly by our improved system of packing, by which we can send them to all parts of the United States and Canada in perfect condition.

JUBILEE BUTTERCUP CRIMSON SPORT HELEN KELLER
$6.00 per hundred.

BRIDESMAID METEOR MME. DIAZ ALBERTINI CHESTER PRIDE
IVORY ARMAZINDY PURITAN STORM KING
SWEETBRIER L. L. LAMBORN SILVER SPRAY WM. SCOTT
MRS. FISHER
$4.00 per hundred.

Send for Price List.

J. L. DILLON, BLOOMSBURG, PA.

Mention The Review when you write.

Carnations!

We have left fine stock of Jubilee, Tidal Wave, Mrs. Duhme, Morello, Goldfinch, Ivory, Harrison's White, Pingree and Firefly. Send for prices.

LANCASTER, Pa., October 8, 1898.
Messrs. Geo. Hancock & Son, Grand Haven, Mich.
GENTLEMEN: — Your plants received in good shape. They are the best plants I have ever bought, and am greatly pleased with them. Respectfully,
H. D. ROHRER.

GEO. HANCOCK & SON, GRAND HAVEN, MICHIGAN.

Mention The Review when you write.

CARNATIONS — Silver Spray, Daybreak, Scott, Eldorado and Abundance, strong plants, $1.00 per 100.

PELARGONIUMS — Mrs. Robert Sandiford, Mme. Thibaut, Mme. Vibert, Fred. Dorner and Capt. Raikes (finest of the crimsons), 2½-in., $6.00 per 100, 75c per doz.; this is fine stock to grow for Easter.

VINCA VARIEGATA, field-grown clumps, $5.00 per 100; **BOUGAINVILLEA GL. SANDERIANA**, 2-in., $4.00 per 100, 75c per doz. Cash with order.

Kenton Floral Nursery,
W. SABRANSKY, Prop'r. KENTON, OHIO.

Mention Florists' Review when you write.

..CARNATIONS..

Strong, healthy plants, leading varieties, popular prices.

VIOLETS — Extra fine, healthy clumps of Marie Louise, from field.

Write for Price List.

CRABB & HUNTER, GRAND RAPIDS, MICH.

Mention The Review when you write.

.....CARNATIONS.....

800 DAYBREAK..... $4.00 per 100
600 SCOTT.....
500 McGOWAN..... $3.00 per 100
400 METEORS.....

At these prices to close them out quickly. Strong Field-Grown Plants.

W. A. WETTLIN, Hornellsville, N. Y.

Mention Florists' Review when you write.

Field Grown Carnation and Violet Plants

Good Stock.... Low Prices....

A. WASHBURN & SON, Bloomington, Ill.

Mention The Review when you write.

150,000 EARLY JERSEY WAKEFIELD CABBAGE PLANTS now ready for transplanting in **cold frames.** Our wintered over Cabbage Plants never run to seed. Price $1.00 per 1,000. Order at once.

25,000 LETTUCE PLANTS now ready for forcing, $1.50 per 1000. Order at once and ask for our catalogue.

CALEB BOGGS, Cheswold, Del.

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

Surplus Field Grown Carnation Plants..

Clean, healthy, strong plants with plenty of roots.

White Cloud, white. C. A. Dana, pink.
John Young, " Dazzle, scarlet.
Mary Wood, " Jubilee, "
Storm King, " Gold Nugget, yellow.
New York, pink. Psyche, variegated.
Painted Lady, pink. Lily Dean, "
Mrs. C. H. Duhme, pink. Meteor, crimson.

Send for Price List.

F. DORNER & SONS CO., LaFAYETTE, IND.

Mention Florists' Review when you write.

25,000 Carnations

Fine Strong Plants, perfectly free from rust.

Wm. Scott, Tidal Wave, Daybreak,
Portia, Silver Spray, Kohinoor,
$3.00 per 100; $25.00 per 10.0.
Cash with order.

CHARLES SCHAFER,
220 Balmoral Ave., Station X. CHICAGO, ILL.

Mention The Review when you write.

Carnations — 50 per cent. Reduction

Strong, field grown plants. Scott, also a few hundred each of Daybreak, Alaska and McGowan, $3.00 a 100, $25.00 a 1,000.

JOHN WELSH YOUNG,
Upsal Station, Penna. R. R. GERMANTOWN, PA.

Mention The Review when you write.

CARNATIONS.

Kathleen Pantlind, strong plants, $10.00 per 100.
Flora Hill, strong plants..... 7.00 "
Argyle, " " ..... 7.00 "
Empress, " " ..... 7.00 "
Red Wave, " " ..... 7.00 "
Morello, " " ..... 7.00 "

HOPP & LEMKE,
(Paul Post Office) East Grand Rapids, Mich.

Mention Florists' Review when you write.

FIELD GROWN CARNATIONS.

Daybreak, Eldorado and Anna Webb, $3.00 per 100
Portia, McGowan and Scott ..... 4.00 "
FREE FROM RUST. CASH WITH ORDER
DANA A. HERRON, - - OLEAN, N. Y.

Mention The Review when you write.

REINBERG BROS.

Wholesale Cut Flowers,

51 Wabash Ave., CHICAGO.

Roses and Carnations

Growing under 600,000 Feet of Glass...

Enable us to supply any quantity. We grow our own stock and when you order from us you will get STRICTLY FRESH GOODS.

WE ARE HEADQUARTERS FOR AMERICAN BEAUTIES

and can supply you when you cannot obtain them elsewhere. We shall this season cut ftom 50,000 plants. We have also increased the space devoted to MAIDS, BRIDES, METEORS, KAISERINS and PERLES, and can supply any quantity at right prices.

WE SHALL HAVE AN EXTRA LARGE SUPPLY OF HIGH GRADE CARNATIONS THIS SEASON AND CAN PLEASE YOU IN THIS LINE. Regular Shipping Orders will have special attention.

Mention The Review when you write.

GREATEST BARGAIN IN PLANTS

BECAUSE ALL STOCK OFFERED IS IN A-1 CONDITION.

Roses. Maids, Brides, 4-in., $7.50 per 100. Meteors, Maids, Brides, Perles, Niphetos, 3 in., $5.00 per 100.

Carnations. Field-Grown, ready now. Daybreak, Scott, McGowan, Jubilee, Rose Queen, Helen Kellar, at $5.50 per 100, or $50.00 per 1000.

Violets. Marie Louise, field-grown, ready now, $3.00 per 100, or $40.00 per 1000.

Rubber Plants. Ficus Elastica. Plants in 5-in. pots, at $5.00 per dozen.

Begonia Rex. 4-in. pots, $20.00 per 100.

WM. F. KASTING,
495 Washington St., BUFFALO, N. Y.

Mention Florists' Review when you write.

Palms

ARECA LUTESCENS,
COCOS WEDDELIANA,
KENTIA BELMOREANA,
LATANIA BORBONICA.

For Sizes and Prices See Florists' Review, September 29th, Page 477.

Joseph Heacock, Wyncote, Philadelphia, Pa.

Mention The Review when you write.

Adiantum Farleyense, 3-in. pots, $20.00 per 100; 4in. pots, $35.00 per 100.

CYCLAMENS, assorted, best, 3-in., $6.00 per 100.

SAMUEL MURRAY,
Successor to Probst Bros. Floral Co.,
1017 Broadway, - KANSAS CITY, MO.

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INSURE AGAINST FIRE IN THE

Florists' Mutual

Fire Insurance Ass'n.

ADDRESS W. J. VESEY, Sec'y, FORT WAYNE, IND.

Mention Florists' Review when you write

THE REGAN
... PRINTING HOUSE ...
Nursery Seed. Florists' Catalogues
87-91 Plymouth Place, Chicago.

...VIOLETS...

A few thousand still left at $3.00 to $4.00 per 100; $25.00 to $35.00 per 1000. Healthy, field-grown. Sample, 10c. Cash with order. Also Lady Campbell, Swanley White and California.

400 SMILAX (Surplus), strong plants from 2-in. oots, the lot for $3.00.

FRED A. TAYLOR, Canastota, N. Y.

Mention The Review when you write.

SPHAGNUM MOSS.

A very select quality, 75c per bale, ten bales, $6.00. Grown and packed by

M. I. LYONS, Babcock, Wis.

Write for prices on car lots.

Mention Florists' Review when you write.

If You Have Any Surplus

Stock to sell to the trade advertise it in ....

THE FLORISTS' REVIEW.

BALTIMORE.

It is with a feeling of great expectancy that the craft of Baltimore are now viewing the near approaching season of toil. Both wholesaler and retailer having spent the entire summer in making repairs and getting things in shape are now in readiness for a prosperous and busy season of which the present outlook predicts an early start.

Cut flower trade has picked up considerably. Stuff is plentiful and in fine condition; though prices are still a little off shade, which of course will be righted upon the arrival of a good killing frost.

Chrysanthemums and violets have this week made their debut, but in both cases it would have been more desirable had this premature advent been deferred for several days longer, as the mums are still small and not thoroughly colored, while the fragrance of the violets is their only redeemable feature.

Palms and fern-coasters are beginning to sell and with a few exceptions our florists report sales ahead of this time last year.

Owing to the death of Mr. Robert Rennert, proprietor of the "Hotel Rennert," of this city, funeral work was this week unusually in demand, there being as high as sixty floral designs made for that funeral alone.

As yet few large wedding orders are being booked, though quite a number of small ones have been filled since the first of the month. C. F. F.

NEW YELLOW CARNATIONS.

Gold Perle is the name of a new yellow carnation that originated with the Morris Floral Co., Morris, Ill., and of which flowers have been sent us. The flower is of good size, finely formed, a very pleasing shade of yellow, with perfect calyx and the petals nicely fringed. We are very favorably impressed with it and believe it to be well worthy of trial. It is a cross between Buttercup and a seedling. The originators say it is now in its third year's trial.

SPRINGFIELD, ILL.

At the recent state fair the South Side Floral Co., H. P. Buckley, manager, captured all the blue ribbons on the different varieties of roses, and second premium on the exception. They were equally successful in the carnation classes. Their display of double fringed petunias and new Mammoth verbenas attracted even more attention than the fine roses and carnations. They have specially fine strains of these.

"CONTINENTAL LIMITED."

NEW FAST TRAIN EAST VIA THE WABASH.

Leaves Chicago daily at 12:02 noon; arrives Detroit 8:20 P. M., Buffalo, 5:00 A. M. New York 3:30 P. M., Boston, 5:50 P. M.—only one night on the road. Through sleeper. Ticket Office, 97 Adams Street, Chicago.

CUT STRINGS, 10 feet long, 50 cents each.
Shipped to any part of the country.

The MODEL Extension Carnation Support....
Also Wire Rose Stakes.

QUEENS, N. Y., Feb. 16, '97.
MR. THERON PARKER, Brooklyn, N.Y. Dear Sir:—I have tested your latest Model Carnation Support, and am free to say that I consider it the best wire carnation support that I have ever seen. It is quickly and easily applied, and I think will prove very durable, and you certainly deserve great credit for the invention.
Very truly yours,
C. W. WARD.

FLATBUSH, BROOKLYN, N. Y., Feb. 18, '97.
MR. THERON PARKER.
Dear Sir:—Your wire stake is certainly a gem. Without hesitating we endorse it as an up-to-date Carnation Support. Yours truly,
DAILLEDOUZE BROS.

W. HOBOKEN, N. J., Feb. 18, '97.
MR. THERON PARKER, Brooklyn, N. Y. Dear Sir:—It gives me much pleasure to congratulate you upon your success in getting up Carnation Supports. I think that those I have had from you are about as perfect as anybody will be able to make them. They certainly fill the bill for an ideal carnation support, a thing I have been looking for for a long time. Wishing you every success in the sale of them, I am,
Yours truly, E. ASMUS.

Write for Prices, Circular and Special Discounts for early orders.

The Model Plant Stake Co.
THERON PARKER, Mgr., Inventor and Patentee,
22 Morton Street, BROOKLYN, N. Y.
Mention The Review when you write.

What You Need!

	Per 100
1000 Carnations, strong field-grown, Nivea, Md. Albertini, McGowan, etc	$4.00
Primroses, best strain, 2½-in. pots	3.00
Asp. Plumosus	6.00
Asp. Sprengeri	6.00
Impatiens Sultani	3.00
Begonia Rex	4.00
Mignonette, Allen's Defiance	2.00
Mt. of Snow Geranium	4.00
Vincas, 2½-3½-in.	$2.00-4.00
Forget-me-not, winter flowering, 2½-in.	3.00

Rooted Cuttings and Other Stock.
Write us what you need and get prices.
Terms cash or C. O. D.

GREENE & UNDERHILL, - Watertown, N. Y.
Mention The Review when you write.

Correspondence Solicited

ORCHIDS

Imported and established stock of A1 quality always on hand, also a complete line of best Cherry Wood Baskets, Fresh Moss and Peat, etc.

We are now offering
CATTLEYA TRIANAE
and C. LABIATA, in Sheath,
also ONCIDIUM VARICOSUM ROGERII
in Spike.

Lager & Hurrell, Growers and Importers.... Summit, N. J.
Mention Florists' Review when you write.

HERR'S PANSIES
BUY THE BEST.
Seed at $1.50 per quarter ounce.
A liberal packet for $1.00
Plants at 75c per 100 or $4.00 per 1000; 250 for $1.00, by express.
Albert M. Herr,
LANCASTER, PA.
Mention The Review when you write.

SURPLUS STOCK OF ROSES.
500 Perles, 1000 Brides, 1500 Bridesmaid, fine stock, out of 2½-inch pots, $3.00 per 100, $25.00 per 1000.
VIOLETS, field grown clumps, $3.00 per 100.
C. LENGENFELDER,
Cor. Western and Berteau Aves., CHICAGO, ILL.
Mention The Review when you write.

Always Mention the....
Florists' Review
When Writing Advertisers.

WATCH OUR CAR GO BY.

LOADED WITH WHAT?

WOODEN BOXES CONTAINING THE FINEST AMERICAN BEAUTIES, ROSES AND CARNATIONS THAT SKILL CAN PRODUCE.

WHAT ELSE?

BUNDLES OF ADVERTISEMENTS TO BE DISTRIBUTED THROUGHOUT THE WEST AND NORTHWEST, ANNOUNCING THAT WE HAVE A FULL LINE OF.....

Florists' Requisites,

AND FOR THE COMING MONTH WILL OFFER ESPECIALLY LOW RATES AS AN INTRODUCTION.

A. L. RANDALL

4 Washington Street, Chicago.

Mention The Review when you write.

Fall is the time to plant Perennials

All Strong Field-Grown Stock.

	Per 100
Clematis Davidiana, 1 year	$6.00
Funkia Alba	5.00
Hemerocallis flora	5.00
Hollyhocks, double, separate colors, per 1000, $10.00	5.00
Helianthus Multiflorus plenus and Soliel d'Or	5.00
Iris Germanica	1.00
Perennial Phlox, superb collection	5.00
Rudbeckia Golden Glow	4.00
Spiræa Palmata Elegans	3.00
Yucca Filamentosa, 2 years	8.00

VICK & HILL CO.

ROCHESTER, N. Y.

Mention Florists' Review when you write.

ASPARAGUS

PLUMOSUS NANUS, 2½-in. pots, $7.00 per 100. Per 100

Roses, Bride and Bridesmaids, 3½-in. pots	$5.00
Cyperus Alternifolius, 2½-in. pots	2.50
Grevillea Robusta, 2¼-in. pots	2.50

NATHAN SMITH & SON, Adrian, Mich.

Mention The Review when you write.

ZIRNGIEBEL'S GIANT PANSIES.....

Plants of the above strains at the same rate as the common varieties, viz., $5.00 per 1,000.

With our system of packing plants can be sent safely any distance.

DENYS ZIRNGIEBEL, NEEDHAM, MASS.

Mention The Review when you write.

J. M. THORBURN & CO.

Late of 15 John Street, Have

REMOVED TO **36 CORTLANDT STREET, NEW YORK.**

CATALOGUE OF BULBS AND CHOICE FLOWER SEEDS for Florists now ready and mailed free on application.

Mention The Review when you write.

Tobacco Dust.

Just at present we have a surplus and room is scarce. We will fill orders to the trade as long as surplus stock lasts at $12.00 per ton, $7.00 per ½ ton, $1.00 per 100 lbs. Cash must accompany each order.

THOMPSON'S SONS, Rio Vista, Va.

Mention The Review when you write.

LILIUM HARRISII, 5x7, $4.00 per 100, select. Prices on larger lots on application.

Cyclamen Persicum Grandiflorum, fresh seed, in 8 distinct varieties, per 100, $1.00; per 1000, $8.00.

STUMPP & WALTER CO.

50 Barclay St. NEW YORK.

Mention Florists' Review when you write.

CHINESE PRIMROSE

6,000 single, mixed colors, 2 and 2½-inch pots, $2.00 per 100.

PANSY PLANTS, 60c per 100, $2.50 per 1000.
ENGLISH IVY, 2½-inch pots, $3.00 per 100.
CASH WITH ORDER.

JOS. H. CUNNINGHAM, DELAWARE, OHIO.

Mention The Review when you write.

ROSES ROSES

No finer grown. Big bushy plants, full of flowering shoots, out of 3 and 3½-inch pots, at **$3.00** per 100. Meteors, Brides, Bridesmaid, Perle and Beauty. This stock is cheap at twice the price, but must be sold at once to make room.

SMILAX PLANTS, 2-inch pots, full of roots and covered with plant. No finer to be had and at lowest price ever quoted. **75c** per 100, **$5.00** per 1000. Cash with order.

SOUTH SIDE FLORAL CO., SPRINGFIELD, ILL.

Mention Florists' Review when you write.

Mention The Florists' Review when writing advertisers.

SURPLUS STOCK.

	Per 100
Umbrella Plants, 4-in. pots, strong	$4.00
" " 2-in. pots, ready for 3s	2.00
Primroses, Dreer's choicest mixed, 4-in. pots	4.00
Lantanas, 2-in. pots, in 6 best varieties	2.50
New Tricolor Cuphea Lavae, 2-in. pots	2.50
Dracena Indivisa, 3½-in. pots	4.00

Stock in prime condition, 25 plants at 100 rates.

ALVA KAUFFMAN, West Side Greenhouses. **958 Washington St. Dayton, Ohio.**

Mention The Florists' Review when writing advertisers.

AMERICAN GROWN BULBS.

The hyacinth, tulip, narcissus, candidum and other bulbs from the State of Washington which created such a sensation at the Omaha convention of the S. A. F., were forwarded, after the close of the convention, to Washington, D. C., and President Gude took early opportunity to show them to Secretary Wilson and acquaint him with their history. The secretary was greatly interested and expressed his willingness and desire to do anything in his power to aid the society in their efforts to encourage the development of bulb growing as a home industry. By his advice, the consent of Mr. Gibbs, the grower of the bulbs, having meanwhile been secured, the bulbs were turned over to Mr. Wm. Saunders, the practical horticulturist of the Department of Agriculture, to be grown and flowered and a careful record of results to be made. Mr. Saunders' letter acknowledging receipt of the bulbs, was as follows:

"Wm. F. Gude, Esq.:

"My Dear Sir—The bulbs grown in the State of Washington, which you left here for inspection of this Department, are pronounced to be very good indeed, and if they can be produced at a profit, it will introduce a new industry into this country.

"We will grow these bulbs and you may expect a further report upon them when they flower.

"Yours respectfully,
(Signed) "WM. SAUNDERS,
"Horticulturist, etc."

NORTHVILLE, MICH.—J. M. Dixon has recently built an addition to his greenhouse plant.

BENTON HARBOR, MICH.—The local society will hold a chrysanthemum show in November. Full information may be had by addressing Mrs. J. N. Reed, 125 Britain avenue.

PAXTON, ILL.—Andrew Peterson has enlarged and improved his greenhouse plant considerably of late, having expended about $2,000 in the work. He now has about 10,000 square feet of glass.

WEST CHESTER, PA.—The Chester County Floral Association held its second flower show at Cloverly Farm, September 17. The tables of plants and floral arrangements were placed on the lawn under the trees. Quite a lengthy list of prizes was awarded.

HUNT'S REVIEW OF THE CHICAGO MARKET.

There has been no material change in the market over preceding week. Carnations continue to come along in vast quantities and sell very slowly. The newer sorts clean up pretty well, but Daybreak, Tidal Wave and Scott suffer.

The supply of roses has shortened up considerably and some improvement is to be seen in color. Beauties are in quite short supply, and according to reports will be for some time to come.

No killing frost yet and dahlias very much in evidence, selling slowly at low figures. Cosmos also drags, though of good quality. Violets are coming more freely, but the double are still below grade and lack odor, without which a violet is of little value.

The Harrisii Disease

can be prevented by immersing the bulbs for 5 hours in a half solution of.....

..Kraft's Plant Tonic.. 99%

This has been conclusively proven by experiments at Lincoln Park, Chicago. The Tonic also kills **Hard Shelled Scale, Mealy Bug,** and other insect pests without injury to the plant. A trial of a 25-cent bottle will convince you that a really remarkable insecticide has been discovered. Send for circular.

Kraft Plant Tonic Co., Rockford, Ill.

Mention The Review when you write.

Delaware Holly of the Best Grade..... from the Swamps, with Bright Green Foliage and well Berried

Orders will now be received for shipments which will go forward freshly packed at the proper time. For prices and terms, address—

ALEX. PULLEN, Milford, Delaware.

MILFORD NURSERIES.

Mention Florists' Review when you write.

JUST ARRIVED from

FRANCE -- Roman Hyacinths, Narcissus, Freesias, etc.

JAPAN -- Lilium Longiflorum, all sizes. Crop short.

HOLLAND -- Hyacinths, Tulips, Narcissus, Crocus, etc.

CHINA -- Chinese Secred Lilies.

On hand:—Extra selected **Lily of the Valley,** 2,000 in a case $24.00
From cold storage:—A fine lot of **Araucarias.**
State quantity needed and prices will be cheerfully given by

F. W. O. SCHMITZ, - - JERSEY CITY, N. J.

Mention The Review when you write.

F. & F. NURSERIES, SPRINGFIELD, NEW JERSEY

Wholesale Growers TREES and PLANTS in Full Assortment. ....TRADE CATALOGUE FREE.

Mention The Review when you write.

PINK PAEONY For FALL PLANTING, **....CLUMPS....** At $10.00 per hundred.

Will divide into two and three. Easily cultivated; need no protection during winter. Any florist having land will find them big payers. Freight, any distance.

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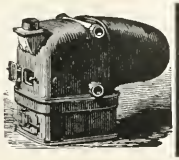

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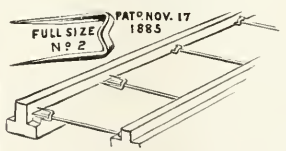

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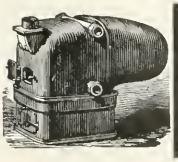

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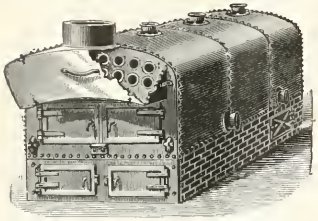

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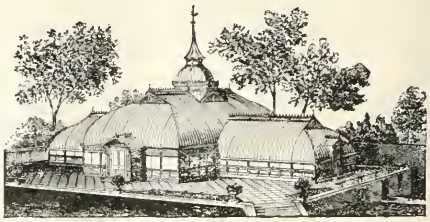

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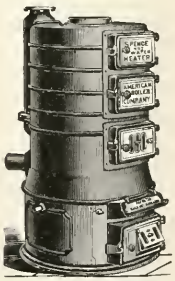

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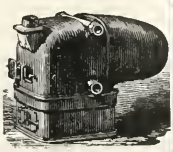

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THE WEEKLY FLORISTS' REVIEW

Watson B M
Jamaica Plain Mass
52

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Vol. II. CHICAGO AND NEW YORK, OCTOBER 20, 1898. No. 47.

NEW ORCHID.

The illustration, which is from a photograph specially taken for The Review, shows the only plant of a new variety of cattleya introduced by the Rosary Flower Co., New York City. It is named Cattleya labiata Mrs. Clarence H. Mackay, and was exhibited at the New York Florists' Club meeting October 10. There being no orchid expert present it was passed with a complimentary notice. The plant has six growths and nineteen flowers, which are as large as those of C. Gigas. The sepals and petals are rich amethyst; the lip, very large and prettily frilled, is almost entirely claret colored. D.

Cattleya Labiata Mrs. Clarence H. Mackay.

DUTCH BULBS.

By Walter Wilshire.

[Read before the Canadian Horticultural Association, at the Toronto Convention.]

The subject, "Dutch Bulbs" has been much discussed of late years, and many and varied have been the comments from higher authorities than the present essayist. Your executive committee have, however, been kind enough to give me the easiest part of the controversy. "Can they be grown by the retailer to pay?" Had it read, "Can they be grown by the wholesaler to pay?" my reply could only have been a big "No," so far as my experience goes, and it would have taken a long time to have figured out the profit in the prices of flowers grown from Dutch bulbs at the quotations of the past few years in the lists of wholesale prices.

With the retailer things are different. There is still a very fair margin of profit between the price of Dutch bulbs at the present time and the price of cut flowers to the consumer. The average price for the best known and widely grown varieties of tulips does not exceed $10 per thousand, delivered, and these sell in Montreal for from 50 to 75 cents per dozen, according to quality, while at Christmas King of the Yellows has brought $1 per dozen. Paper White and Von Sion narcissus bring the same prices as tulips, and hyacinths, both cut and grown in pots and pans, have made a profit for the retailer who grows them.

Dutch bulbs are such easy things to grow, to anyone who will use his common sense and understands anything about their requirements, that any retailer can manage them successfully; and grown well they will always com-

mand the admiration of our customers and admiration leads to purchase and purchase to realization of profits. It is true there has not been the demand for Dutch bulbs these past few years, and there has been less demand for other varieties of cut flowers, owing to the general depression of all trades and general scarcity of cash among our patrons. With a return of general prosperity I do not see why Dutch bulbs should not soon be grown with profit by the wholesaler. There will, however, always be a fair margin for profit in a moderate quantity grown by the retailer.

Some may reason that if there is no profit to the wholesaler there is also none to the retailer, as there should be a profit for the greenhouse and a profit for the store or else there is no real profit. In answer to that I would say that there are more ways than one in which they are profitable in the store, and that is in window displays. There are no other flowers that will give the variety of form and coloring that help to brighten the florists' windows through the winter months. By their cheapness they can be more extensively used than other flowers at that season, and an attractive window is a large item in a successful business, so that what is lost in making the display is really gained in advertisement, and consequently increased trade.

Make your window attractive with Dutch bulbs, and if customers do not want to buy them they may help to attract them to those fine large carnations at a dollar or more per dozen, or American Beauty roses at $12 to $18 per dozen in which there may or may not be greater profits. My advice would be to study the requirements of your trade, grow the majority in white and prevailing selling colors, grow in moderation, but enough to supply your trade, and provide a bright display for your window, and Dutch bulbs can be grown by the retailer to pay.

Summer Flowering Carnations.

The retail florist is often asked for carnations in the spring and would be oftener if a satisfactory plant could be supplied. The plant that has flowered all winter, and then lifted, say in April, from the bench, and sold in May, is not the thing; that sort of plant will give you good results if severely cut down and lifted with a good lump of soil and expertly handled. If cuttings are put in at once from plants left in the field or from those planted inside, you can by next May have good little plants in 3½ or 4-inch pots. Of course they must be kept growing during winter and stopped at least once and kept in a light house where the night temperature is about 45 degrees. Some may remark that it would hardly pay to grow them all winter, but it does. You can get quite as much per dozen as you can for 4-inch geraniums, and they have certainly not taken up more room; in fact, considerably less.

Another way is to lift some of your field plants, the smallest are the best for the purpose, and that is what you will have after your houses are filled. Pot them firmly in 4 or 5-inch pots and plunge in a cold frame. All flowering shoots and even long growths should be pinched off. The better the frame is protected from frost the better the plants will winter. Air should be given on all days when the temperature is above freezing, and even when it is below, if the sun is shining brightly. Hard freezing does the plants no harm unless they have been induced to make a tender growth by keeping the frame close. These plants will be in flower by middle of May and if properly handled be very satisfactory for summer flowering.

We often hear complaints from our patrons of carnations dying in the garden. The cause is the continual and senseless use of the hose, and some of our commercial florists have not gotten over it yet. The geraniums and coleus struggle along in a half-hearted way under this daily drizzle administered by the hired man, but the carnation succumbs. And just here let me say that a worthy friend and ex-alderman of Ottawa, Canada, tossed his chin and pooh-poohed a few years ago at a remark of mine that "Carnations should never be watered artificially." This past season has more than demonstrated this fact that all our large growers knew years ago. For just twelve weeks, June, July and August, we did not have a shower that penetrated one inch, yet with constant stirring of the soil the carnations kept growing. One of the most discouraging things to the plant man is that when he sells the plants either for the flower bed, border or room, the poor things are left to the tender but ignorant mercy of the purchaser, and that is why it is far more satisfactory to sell a dozen American Beauties for four dollars, or a hundred violets for half the amount. The intelligence of the purchaser or recipient extends to their ultimate fate (the ash barrel).

Ampelopsis Veitchii.

This plant belongs to the nurseryman, but florists handle it largely. We raise a thousand or two every spring from seed and they make strong plants by fall. Spring is the best season to plant them, but how to winter them is the question just now. We sow them in February and when bench is not so valuable grow them along during summer in 4-inch pots. This perfectly hardy plant is easily mismanaged when in pots and the writer has had several experiences by losing hundreds during winter. Hardy as it is, it should have been standing outside for several weeks, and no protection received till end of November, when they should be placed in a cold frame and the pots surrounded with tan bark, spent hops, ashes, or some such material, and the frame covered with glass till end of next March, when it should be removed for fear of the plants starting into growth. They should be planted as soon as the ground is dry in the spring and always dormant. If forced into leaf under glass and then planted and a late frost occurs, you will have to replace them or lose your customer.

Chrysanthemums.

Before these lines are in type there will be some spaces on the bench where early "mums" have already been cut. If they are of desirable sorts and you wish to continue the stock, lift the desired quantity of plants from the bench and plant in flats with 4 inches of soil and give them a place in a cool house. Another plan is to select a few of the strongest cuttings at once and grow them along, later planting them on a bench from which many cuttings can be procured. I mention this now because it is average human nature to give little time or attention to a crop after you have reaped the benefit of its product. The successful florist has one eye and thought fixed on the present and his best half of vision and mind on plans and preparations for the future.

Azaleas.

There will be some florist who has not yet potted his newly arrived azaleas, rhododendrons and metrosideros. The most important point is, don't pot them before you have soaked the ball a few seconds in a tub of water, and when you pot let the soil be firmly rammed round the old ball or the water will pass readily through the new sod and leave the ball where only the roots are that sustain the plant.

Nora Ivan Rachel Oscar
Erica Dossie Geoffrey Hilda
Sybil Joan Gwendoline Charlotte

Aster-Flowered Dahlias.

The coolest house you have is the place for these plants, and if it is shady none the worse. After two weeks select your Deutsche Perle, Simon Mardner and Vervaneana for Christmas flowers and put into a temperature of 60 degrees at night. It may ruin the plant, but people don't expect anything more and a pretty azalea will last much longer and is less expensive than a dozen roses at the holidays.

WILLIAM SCOTT.

THE DAHLIA.

Fashion in flowers has again decided that the dahlia is worthy of popular enthusiasm, and when one looks over a collection of nearly 300 named varieties and notes the wonderful shapes and colors one can but wonder that this flower has not always been the favorite that it is now becoming. The dahlia has a place in the season between the gladiolus and chrysanthemum that cannot be well filled by any other flower and its brilliant colors and beautiful forms are enough to make any one an enthusiast.

We are amateurs in dahlia culture, but our large collection has been the wonder of every one who has visited them, and the orders for cut blooms have come in so rapidly that we find them quite profitable. In fact, we believe every florist ought to grow at least a stock of some of the most desirable varieties. But when one comes to talk of desirable sorts it is very hard to choose a few best kinds as there are so many that are lovely that it is hard to draw the line at a few.

There are four recognized types—the Single, Show and Fancy, or large flowered, Pompons, or small flowered, and the Cactus class, but it is sometimes hard to draw the lines of classification between the different types, as there are varieties that are so nearly equal distant between the ideals of each type that it is hard to say to which they belong. Sometimes a Pompon, if well grown, will be larger than some of the Shows, if the plant is not well grown, and others are nearly equally between the Show and Cactus types; as specimens of these American Flag, Fern Leaved Beanty, and Queen of Yellows, are usually classed as Show and Fancy, but are fully as near to the Cactus type.

The single varieties are very pretty, but have very little value for cut flowers, as they drop their petals so quickly. John Downie and Painted Lady are among the best singles. Little Dorothy is a new dwarf single, which makes a fine pot plant.

Snowclad is the best small white Pompon. Little Beauty, Red Piper, Daybreak, Vivid, Dr. Webb, Little Valentine, and Beauty Inconstant make up a fine collection of Pompons.

In Show and Fancy sorts, King of Dwarfs is a fine purple, John Sladden, a beautiful maroon, A. D. Lavoni, Miss Florence Shearer, Teddy, Density, Eleganta, and Model of Perfection, are all excellent pinks; Pluton, Fanny Purchase, Miss Dodd, and Yellow Boy, are among the best yellows. Purity, Beauty, and John Walker are all fine white varieties. Among combination colors, Zephyr stands at the head. Country Lad, Edith Connor, Miss Browning, American Flag, and Fern-Leaved Beauty are worthy of general cultivation, and for beautiful shadings are hard to beat. Mrs. Dexter is a lovely blending of orange and salmon.

The new Cactus type is at present creating the greatest sensation, and it is no wonder for their loose, graceful petals are such a contrast to the older ball-shaped flowers. Nymphaea is a beautiful light pink, Marchioness of Bute, a lovely pink and white, Clifford W. Bruton, Sunlight, and Mrs. E. C. Monroe are lovely yellows, Black Prince and Zulu are fine dark maroons, Lyndhurst a fine scarlet, Bronze Cactus, Unique and Iridescent are beautiful blended colors. Orange King a fine orange, Henry Patrick the finest white, Amphion is a combination of red, yellow and amber, Oban a lovely rosy lavender, overlaid with a silvery fawn, Xanthia and William Miller are lovely purplish wine color, Maid of Kent is cherry red tipped with pure white, but sometimes comes with pure red flowers and others nearly all white; it is one of the best and always attracts attention. There are many other fine sorts, but those named are among the best.

The Cactus class has two failings: they are, as a rule, later in blooming than other classes, and the stems are short on most varieties. There are some exceptions, however, in both cases, and the varieties we have recommended are among the best in these respects.

The next sensation in dahlia culture will be the new type to be called the "Aster flowered," an engraving from a photograph of twelve fine blooms from as many different varieties of this new type is presented with this article. The four in the center row are all different shades of pink and the twelve sorts make a collection hard to equal. The description of the class is as follows: Flowers not as large as the Show type; petals, however, are longer and often rolled or folded, sometimes cut, serrated or fringed, inner petals often curled and twisted; always shows a small yellow center, blossoms very graceful, usually on long stems and unequalled for cut flowers. They undoubtedly will be a great acquisition.

L. H. READ.

CARNATIONS FOR FALL FLOWERING.

Please give a list of the best half dozen carnations for flowering outside (naming colors) to fill in the gap between the clearing off of the green-

house stages and the coming in of the new crop, and tell me the best man to write to for them.

Toronto. W. P. T.

In answer to "W. P. T." would say that almost all of the varieties that are good winter bloomers would do to furnish flowers in the field during the months of August, September and October. The Yellows are an exception and they could be dispensed with during that time, although Gold Nugget may prove to be valuable for this purpose. From present outlook it promises to be a fine winter variety. The very latest varieties have not yet been tested for this purpose and there is plenty of material among the older sorts. Portia, which with us is about useless inside, is still fine out of doors, and worth growing for that purpose alone. The following is what I consider the six most desirable varieties for field flowering and covers all the shades of color that is necessary: Flora Hill, white; Portia, scarlet; Daybreak, light pink; Scott, deep pink; Tidal Wave, deep rose pink; Mrs. Bradt, variegated.

If you expect fine flowers with a good stem the plants must be tied up and dishudded. Such stems and flowers as we get inside during winter and spring it is impossible to produce outside. We cannot recommend any one firm. There are many thoroughly reliable people who advertise all of these kinds. Plants for this purpose should be propagated in November and grown on during winter, and when planted out at end of April should be in 3-inch pots and be nice, branched plants.

W. SCOTT.

The best way to keep violets sweet: Get an odorless box, line it with white tissue paper, put glasses of water in the box, put your violets in the water, cover them over with the paper and close the box; keep them airtight and in a moderate temperature; the ice-box is too cold for violets; leave them on the counter; use the same box and paper every day. Your customers would sooner get violets out of such a box than the window or ice-box. Shoe, soap or any other such kind of boxes should never be used. Violets are queer flowers, even paper will extract their fragrance. If your grower ships direct have him use the same box and paper all the time, and don't change them.

If you make any funeral designs of chrysanthemums don't forget to use autumn leaves; they are very appropriate. Long, loose, flat bunches will be much in demand, and sprays of asparagus look well among autumn leaves.

If you make any ivy wreaths, try a spray of Japanese maple or Berberis Thunbergii on the left side close to where you tie the bow.

Let's visit the potting shed of a small country florist. Our friend has just got an order for a wreath to be made in a hurry. He has neither wreath, wire, toothpicks nor moss, and very few flowers. He is in despair; he is unused to such an emergency and looks appealingly to us. We assure him that everything will be all right, and ask him to watch us. There are some single tuberoses over in one corner of the garden, and a good bunch of white cosmos, a few pretty white cactus dahlias, and just a cluster of pompon chrysanths; alongside the fence there is a big tamarix bush.

We cut a couple of willow sticks from the side of a ditch and twist them into a wreath; we get a ball of twine and with the materials mentioned proceed to arrange the wreath, first placing the tamarix, then the cosmos. We complete the wreath as we go on; we finish one side, then we stop and start where we commenced, so as the wreath when finished points like a laureate wreath. We make the wreath good and full, and don't put our dahlias in exact distances, but cluster them, and we finish off with our cluster of mums. This wreath can be made just as handsome as the best mossed wreath with all its wires and sticks, only fasten them well and cover the string with greens. We gave our friend just a lesson that would be useful to hundreds of country florists.

If you have flowering begonias, a few carnations, some swainsona and a few odds and ends you are always able to supply a design or bunch on short notice. Don't go to the cemetery and get cast away designs, for if your customers hear of it they will boycott you. When you make bunches arrange them loosely and tie them near the bottom, put your best flowers to the front.

We are back to the city again to find lots of grand cattleyas on the counter, and several orders for them to be arranged in many ways. First we take up a funeral bunch, some nice sprays of Asparagus tenuissimus and A. Farleyense for greens; then we start with a few sprays of Dendrobium phalaenopsis, and after them the cattleyas with the lips facing upwards. We make the bunch loose and graceful, facing both ways, and tie a bow of cattleya ribbon in the center, making a semi-high bow.

The next is a dinner order, and we take a plant of Farleyense, dump it out of the pot, put it in the vase or basket, pack in round with green moss, stick a few sprays of fine asparagus round, and then arrange a few cattleyas amongst the fern, having the lips facing the guests; a few sprays of D. Phalaenopsis facing on the asparagus will look well.

The next is a box of orchids, and we paper our prettiest box nicely. Put in the bottom and on the sides some fine ferns, then put the flowers in and just put one or two of your most delicate ferns partly over the flowers. Have your best boy deliver them, for they are our finest.

You have trouble with your violets, they are not bunched right. Get your grower in, and show him how, or send a bunch properly done to him. Get him to put plenty of leaves round them.

IVERA.

AMONG BOSTON GROWERS.

F. R. Mathison, Waltham.

Among our growers of high-grade roses is F. R. Mathison, and a glimpse inside of his greenhouses will convince anyone that he knows how to do it. Mr. Mathison has six houses, covering about 25,000 square feet. These are all planted to roses, mostly Brides and Bridesmaids, with one house of Kaiserins, which is, however, not entirely to the liking of Mr. Mathison on account of its cropping propensity, but he grows it on account of its excellent summer quality; that is, of throwing good-sized bloom.

His roses are grown in benches, built rather lower than the average, and deeper, as he carries over part of them two seasons, claiming that he can get a greater portion of A No. 1 bloom from the older plants, and judging by the quality he brings into the market, there is no doubt but his views are right. He believes also in early planting of young stock, getting them well grown before making them commence their season's work. His

View in the store of Mr. P. J. Hauswirth, Chicago.

plants this year are fine, and he should be in the swim with first-class stock.

For a side crop he grows about 2,000 plants of bouvardias, all of the double pink and white varieties. These he grows in the open ground during the summer months, transplanting to boxes when he houses them in August. He sets these along the edge of his rose beds, and the quality of the bloom is in keeping with the quality of his roses, and will easily bring from 6 cents to 10 cents a head, the stems being from 15 to 20 inches long.

Mr. Mathison uses steam as his method of heating. He does not cater for or want any local trade, but sells everything to the dealers, sending a salesman to the Boston Co-Operative Market every day.

The Wayside Farm, Milton.

Cyclamen and primroses are the predominating crops at this famous establishment and the efficient manager, Mr. George Anderson, has established for himself a national reputation as a grower of excellent specimens of these two staples.

Of cyclamen he has in the neighborhood of 2,000 plants, the larger portion of which are seedlings, seed sown during January and February. In former years Mr. Anderson has carried his plants through the heat of the summer inside the houses, and in pots, but after experimenting last season found that plants put out of doors, planted in a well shaded frame with plenty of air, came through the hot weather in better shape; while the expense of taking care of them and the anxiety as to how they would summer was reduced to a minimum, and his plants were in fine condition to pot up and house. Primroses are treated in a similar manner, being out of doors in a frame, but are grown in pots.

Mr. Anderson devotes two houses, 166x15, to carnations, Scott being his favorite variety. In another house he has about 1,000 well grown plants of poinsettias, a Christmas crop of which he makes a specialty. The most of these are from cuttings made this season, and the outlook is that he will have a gorgeous bench of blooms by the holidays. Another house is devoted to chrysanthemums of mixed varieties, planted in a solid bed and grown to single stem and flower. Hydrangeas is another of Mr. Anderson's specialties, and he propagates these largely, making the cuttings early and growing in the open ground all summer, wintering in a deep frame.

For other crops he is this year growing quite a large lot of stevias, both the tall and the dwarf, grown in pots all summer, and a house of mignonette, from seed planted in August. He believes in utilizing all of his space, and under all benches that he can he grows mushrooms.

E. and W. K. Wood, West Newton.

At West Newton I ran across the chrysanthemum expert, Elijah Wood ("Little Woody," as he is affectionately called by members of the craft), and he and his brother, W. K., kindly showed me through the houses, together with W. W. Edgar, of Waverly, and Brother Mott, of Philadelphia, who happened along at the same time that I did.

The Messrs. Wood enjoy a remarkable local trade, hence their houses are used to grow a general collection of plants and flowers. They have to a great extent gone out of mum growing, one house of about 700 plants being the extent this year. These are grown in a bench, and to single stems. In this house they also grow, planted in benches, Antirrhinum majus grandiflora, a type of which they introduced several years ago.

The staples, violets and carnations, are grown largely. The former are planted both in a house and in frames out of doors, and are looking very well. Lady Campbell is the variety most in evidence. They are trying a few seedling pinks of their own, which look promising, as do also part of a bench of white ones, now in third season; this is a seedling from Daybreak and with a strong Daybreak habit and appearance. As is necessary in a place of this sort, a general collection of palms, ferns and flowering plants have to be grown, and these show good care and are especially adapted to the demands of their customers.

C. E. Holbrow, Brighton.

Among the rose experts which bring their product to Boston is Charles Holbrow, and a look at his place will convince anyone that he knows how to grow them. He confines himself to Brides and Bridesmaids, and his 25,000 square feet of glass contain nothing else. He grows altogether in benches and believes that the best results are obtained from young plants, and, with the exception of one small house, all of his roses were planted in June, and are now in good condition to crop.

Mr. Holbrow is for the first time trying part of a bench of grafted stock, but is not satisfied so far with the result of the trial. He uses entirely new soil every year, making a fresh compost during the dull season in the summer. His roses are given a foot of space and tied up to wire stakes, kept in position by a wire which runs lengthwise of his bench. Besides the roses, he has one house devoted to odds and ends for a local trade, of which he can control quite an amount.

W. H. Elliott, Brighton.

Talk about your Smilax Kings, your Rose Kings, or your Carnation Kings! They are not in it, compared to the Asparagus King, Mr. W. H. Elliott, and a dozen years ago if such houses now used by Mr. Elliott had been thought of and suggested, the person whose mind had conceived such houses would have been considered a subject for an insane asylum. It remained, however, for Mr. Elliott, who at once, on the introduction of Asparagus plumosus, appreciated the value of it as an improvement over any other known plant, as a florists' green for decorative purposes, and he has year by year increased his capacity for growing this vine, until he now has eight large houses entirely devoted to it, and last year he cut and marketed in the neighborhood of 50,000 strings. He has it in all stages of growth, from this

year's seedlings to strings forty feet in length. Mr. Elliott does not grow his stock in pots, but believes in constant transplanting, and uses shallow benches for this purpose.

During the summer months asparagus makes very little growth, but during the cooler fall the growth is very rapid, and Mr. Elliott is now busy thinning out the heavy undergrowth, which he ties in bunches and sells, and stringing for the new runners. He uses a strong linen cord for this purpose, which, being of a green color, does not have to be cut out when the vine is cut. The common cut worm is the worst enemy he has to deal with and requires constant hunting to keep him in check.

Besides the asparagus, Mr. Elliott's main crop is roses, and he has several houses in all stages of growth, all planted in benches, and in an average depth of three inches. Mr. Elliott says soil is expensive, and for one season's growth three inches is enough, and he is entirely satisfied with results. The most of his plants are of this year's planting and comprise mostly Brides and Maids, with one house devoted to President Carnot and one house to Kaiserin, both young stock. He has also a house of Kaiserins from which he has been cutting all summer. These he will soon throw out, their season's usefulness being about at an end.

To replace these he has been growing along a lot of Brides, which are now elegant plants. These plants have from the time they came out of the sand been grown constantly in a bench, and have been transplanted two or three times, each time giving them a little more space and a little deeper soil, a much cheaper method of handling than by using pots, and obtaining much stronger plants and almost as good as if they had been planted in their permanent quarters early in the season. Plants handled this way make close, compact balls of roots, and the setback caused by transplanting is very slight—in fact, part of a bench that Mr. Elliott had planted the day before hardly showed a sign of a wilt, the soft tips being as erect as if they had been there for weeks. A house of Gontiers in benches showed signs of an immense crop later on, while a house of Jacks, planted in a solid bed, has some excellent looking canes, which bid fair to throw some bloom later on.

Mr. Elliott also makes a feature of pot-grown chrysanthemums for commercial sales. These are grown in the open ground during the summer and potted during the early part of September, mostly in 7 and 8-inch, and are disbudded to one flower to each stem. Mr. Elliott is about the only grower who makes it a business to grow pot chrysanthemums for Boston market and handles about 2,000 plants yearly. He believes in utilizing all of the room possible and grows quite a lot of small-sized nephrolepis along the edge of his rose benches, which are later put into a bench to make salable plants.

Mr. Elliott knows a good thing when he sees it, and has devoted a house with an east and west exposure to that gem of house plants, the Boston fern. These are in all stages of growth and are unexceptionally fine stock, being of a good, hard growth, with a deep green color, showing a splendid condition for shipping; in fact, some of his specimen plants in 8 and 10-inch pots can't be equaled anywhere, being good, heavy plants, with fronds from 18 to 20 inches long—just such a plant as a lover of house plants would pick out to ornament his drawing room.

Besides the Brighton place, Mr. Elliott has a large amount of glass at Newtonville, which he leases. This place is devoted to roses and chrysanthemums. He expects to cut about 15,000 blooms of chrysanthemums, all grown to single flowers. This crop he follows by and by with young roses, which he grows to sell in the pots.

P.

AMONG ST. PAUL GROWERS.

C. Bussjaeger.

Chris Bussjaeger, of Charles street, has a neat range of six houses containing about 8,000 feet of glass. His first house was erected in 1896, two more were added in 1897, and three rose houses erected the present season. He grows a general line of greenhouse stock for the trade, his principal stock for the coming season being roses and carnations. Of the former he has Perle, Bride, Bridesmaid, Wootton and Beauties, all of which are in prime condition with promise of a full crop of bloom later.

In carnations we noted Daybreak, Scott, Silver Spray, Jubilee, Rose Queen and Flora Hill. He has one house devoted to single stem mums of the leading varieties, all in fine condition. One house will be devoted to violets, while another is devoted to smilax and asparagus. For the spring trade he grows a general line of bedding plants and also forces quite a quantity of bulbs. His place is heated throughout by steam and is well built and well managed.

Carlsen & Lauritsen.

Carlsen & Lauritsen, located at the entrance to Como Park, have the houses and ground formerly owned and operated by C. I. Warren. They rented the place during 1895 and 1896, purchasing it in 1897. Their range consists of seven houses, containing about 12,000 feet, their stock consisting principally of roses, carnations and violets. In roses they have the following benched for winter blooming: 500 Meteor, 700 Bride, 1,000 Bridesmaid, 400 Perle, 600 Wootton, 200 Siebrecht, 300 Testout and 350 Beauties. They find Meteor, Wootton, Bride and Bridesmaid, the most profitable varieties, though careful records of returns indicate that Beauties are not far behind. Siebrecht and Testout are beautiful flowers, but are too shy bloomers to be profitably grown, and will most likely be discarded after this season.

In carnations their specialty is the Daybreak, the tried and true, which grows to perfection here. Their planting this year will include Flora Hill, Jubilee, Triumph, Scott and Silver Spray. One house is devoted to violets and a small one to smilax. For the spring trade they grow quantities of bedding plants.

This season they have built two new houses and repaired their boiler room. Their stock is sold to the trade in this city. Their evident thrift, push and energy are apparent on every side, while their stock grades mostly firsts and is eagerly sought after. X. Y. Z.

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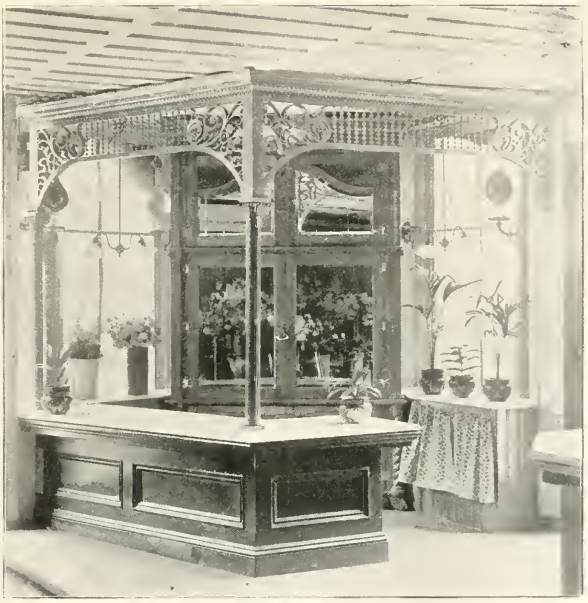
NEW YORK.

The Market.

There were many wrinkled brows among the commission men last week, for the most of the ice boxes were continually full of unsold stock, yet the quantity of flowers sold in New York is simply enormous. Here are a few of the figures I've gathered for you: they may be of interest to many both here and in Europe. These figures represent the average daily sales through the commission houses at the present time: 65,000 roses, 10,000 lily of the valley, 20,000 violets, 10,000 carnations, 5,000 chrysanthemums, 1,000 orchids, 5,000 adiantum, 500 asparagus and smilax, 5,000 dahlias, 25,000 common and fancy ferns, 5,000 bunches cosmos, ageratum, bouvardia, mignonette and other miscellaneous flowers. Then there are the small growers who dispose of at least 25,000 mixed flowers every morning at the Thirty-fourth street market, and we must also note the vast quantity shipped from private places and carried from amateurs' gardens into the city every day; they at least represent 20,000 flowers.

When we contemplate the above figures we can readily understand the despairing cries heard in the market during wet or dull days. There is a great



A Corner in the Store of Adam Sekenger, Bangor, Me.

amount of work and worry connected with this flower business of New York, and notwithstanding all the grunts and croaks heard about bad times and comparisons with London and Paris, we are forced to assert that the man who knows what he is talking about must admit that there is no place on earth like these United States of ours, as far as flowers are concerned. Our shops are the finest in the world, and our standard in floral art is higher than that of London, Berlin or Paris. We use more cut flowers than the three largest cities in Europe put together.

The retailers of this country can learn nothing from those abroad; perhaps our growers could see a few things over there we could use to advantage here. We don't have as many flowering plants as we might have, and our decorative plant department is not quite what it might be, but, dear editor, it makes us tired when we hear of the flower shops abroad with their made-up designs and bouquets. Ah, yes, we remember them well, with their wires and sticks and paper frills, but none of that for your Yankee who demands roses 4 feet long; and here in New York the best people will not buy a flower out of a window; they go straight to the ice-box and examine your stock. Made-up affairs would not sell here, only on special occasions such as Easter and Christmas. Then again we are told if the retailers would only sell cheaper they would dispose of more stock, which is a very poor way of placing the blame. If the growers were only kind enough to sell cheaper it might change the aspect of affairs. It should be known and remembered that there are many retail florists whose annual rental and expenses would be sufficient to buy outright many a large grower's establishment. There are little troubles in all branches of our business, many of which should be taken philosophically. Extra fine stock will always find a buyer, the trouble is we get too much poor and average stock, which can only be disposed of by the street venders; for instance, a great many of the small roses such as Brides, Maids, etc., coming in now, are very much mildewed, and that disqualifies them for first-class trade. There is, however, a noticeable improvement in many flowers and they sell fairly well.

Chrysanthemums are becoming very plentiful, but so far there is a very poor demand for them; it looks as though the mum is doomed. Prices for all kinds of stock are very much the same as we quoted last week. Violets seem to be scarcer than at this time last year.

Bowling.

The committee of the New York Florists' Bowling Club have engaged the Immen alleys, at the corner of Thirty-second street and Fourth avenue, for every Monday night, except the night of the Florists' Club meeting, when the bowlers will meet at 3 o'clock in the afternoon. Several members of the club were at the alleys last Monday night and made very creditable scores, considering they were first attempts. All the members of the Florists' Club who are interested in bowling are requested to be present at the alleys next Monday evening, Oct. 24, at 8 o'clock, for the purpose of forming laws for the guidance of the members. We understand there are many clubs anxious to challenge the New Yorkers, as soon as they are properly organized, and it is to be hoped the metropolis won't be disgraced in these anxiously looked for contests.

Various Items.

According to present prospects there will be plenty of poor lilies next Easter; 7 to 9 Harrisiis were very shy this year, 5 to 7 seems to have been the only size obtainable. Growers should try a lot of these in large pots and save the store people a lot of valuable time consumed in making them up at Easter. There will be more longiflorums out this time, and it's a good thing, too, for they are better keepers.

Many of the prominent florists were busy on floral designs for the funeral of the late Mrs. August Belmont, which took place on Oct. 18. Lily of the valley, violets and orchids formed the principal part of the flowers used; the designs were mostly loose bunches and wreaths; they were numerous and beautiful. D.

BOSTON.

Review of the Market.

This week has shown some of the customary dullness which always prevails during chrysanthemum season, although the first part of the week showed up better than the last. A little better demand was noticed for roses and Madame Carnot seems to have the call for popularity; the color appears to hit the right place. Brides and Maids are rapidly improving in quality, prices ranging from $4.00 to $8.00 per hundred. Meteors are rather slow at about the same figures. Perles are in good crop and sell for $4.00, while Carnots of high grade will bring $1.00 per dozen. Beauties still hold their own at last week's quotations.

Owing to the increased supply of chrysanthemums the usual slump of the carnation market has begun, and common, every day grades will not bring over $1.00 per hundred, although some finely grown blooms of course command a premium, but $2.00 is the limit, except for fancies, which sell from $3.00 to $4.00; short whites average about 75 cents per 100.

Chrysanthemums have held up pretty fair all the week, but with the usual increase of stock on Saturday took quite a tumble. Madame Bergman is

the variety mostly in evidence, selling at $2.00 through the week, but dropped to $1.00 on Saturday. Glory of the Pacific, the first of which came in this week, sold from $3 at the start-off to $1.50 the latter part of the week. Violets are increasing in quantity, ranging from 75 cents to $1.00 per 100; valley firm at $4.00, with odds and ends rather scarce.

News Items.

The retailers are getting their stores into shape for a good winter business, with prospects very bright indeed.

At the Hall on Saturday R. & J. Farquhar Co. exhibited a new blue salvia of a gorgeous shade, which bids fair to be quite an addition to our fall blooming annuals.

C. J. Roebling, of Trenton, N. J., showed specimen blooms of two pure white orchids, Dendrobium Phalaenopsis Var. Hoholenca and Cattleya Labiata Vera Var. Alba. The plants of these are claimed to be the only ones in the country.

Mr. Wm. C. Winter and Mrs. E. W. Gill each tabled fine collections of dahlias.

Earnest W. Saunders, of Lewiston, Me., and F. O. Willard, who has leased the Walker place at Taunton, Mass., have been in town this week.

Some of our prominent storekeepers are making their usual pilgrimage to New York and Philadelphia enjoying an outing and laying in palm stock for their season's business.

Our down east florists seem to be in evidence this week, Mr. A. S. Burr, of Freeport, being a visitor. P.

ST. LOUIS.

The Florist Club.

The regular monthly meeting of the Florist Club, held Friday night, was fairly well attended. President Sanders presided and all the officers were in attendance. The various committees on show matters reported progress. After this came up the matter of holding our meetings at night or afternoon, which stirred up considerable discussion. To the city members it made little difference as to when the meetings were held, but our suburban members, who are all growers, sent word they could not attend the night meetings and would have to drop their membership. A vote was taken and all present voted for afternoon meetings. Mr. Falkinhaeimer, of the Diemer Floral Co., made application for membership. The treasurer's report showed a healthy condition. It was also decided to hold next club meeting on the afternoon of November 3 at 3 p. m., just one week before the show. After this the meeting adjourned.

The Market.

Trade in the cut flower line has not improved as it should at this season. The cool spell we had last week did not seem to check the supply of roses and carnations.

Chrysanthemums are not coming in as fast as they should, and most of the local growers are complaining that their stock is all backward, and the show only three weeks off, but should this cold snap continue they would be able to make a good showing.

Roses were in fair demand the past week. Beauties had the call and quite a lot of them were used for Presideut McKinley's reception at the Southern hotel. Meteor, Kaiserin, Carnot and Bride came next in demand; firsts brought $3 and $5; seconds, $1 and $2. Maids, Woottons and Perles are plentiful and do not sell well. Maids are especially abundant and it looks as though this rose will be an overproduction same as last year.

Carnations are still plentiful and some of them are fine. Price for the best, $1.50 per 100. Flora Hill, Daybreak and Scott are the best. A few good Rose Queens were seen last week. Reds are very small and not good. Jubilee is about the best among this class.

Cosmos sold well and is offered in good quality. Valley is scarce, and in quite good demand at $4 per hundred. Violets are improving; small singles have better color and sell at 25 cents; some Californias are in, but very few. Smilax had quite a call; supply was equal to demand at $15, but not very good.

Notes.

C. Young & Sons Co. furnished the plants and cut flowers for President McKinley's reception at the Southern hotel on Friday. About 500 Beauties were used. The decoration was large and elaborate.

Ellison & Tesson made a large horseshoe, which was presented to the president. It stood five feet, with an American flag in the center, and the words "Peace and Prosperity" on each side of the horseshoe. It was very well gotten up.

The Jordan Floral Co. made a very large and fine decoration at the fall opening of Browning, King & Co. Some 5,000 roses of all kinds were used. The work was executed by John W. Kunz, manager of the company.

The Krebs Floral Co. closed its doors Thursday, Oct. 13, retiring from business honorably. Mrs. Krebs and the backers of the company have all the experience they want.

Eugene H. Michel has retired from The St. Louis Cut Flower Co. at 1322 Pine street. Mr. Henry Berning is now the head of the firm. Mr. Michel will attend to his interests in the Michel Plant & Bulb Co. and the greenhouses at Old Orchard. This change took place Friday, Oct. 14.

Visitors in town last week were: L. Baumann, representing Frank Netchert, Chicago, and Edward Teas, of John C. Teas & Son, Carthage, Mo.

A Visit to Mr. A. Meyer's.

A visit to Mr. Andrew Meyer's place on South Jefferson avenue showed the mums at this place in very fine shape, but late. Mr. Meyer gave his reason for this on account of too much rain early in the season and too much hot weather this fall, especially to those that were plunged in the ground. Those who had them above ground did not suffer so much. In looking through the houses I saw the new red Casco, of which he has a large stock. This, I think, will make a fine seller. The bulk of Mr. Meyer's stock are market plants in 6 and 7 inch pots, specimen blooms not being grown here.

In Yellows, Georgiana Pitcher, Harry Sunderbruch and Golden Wedding were the varieties. The Pitcher Mr. Meyer regards as his best yellow, it making the best pot plants; Sunderbruch early and always good; Golden Wedding fine for pot plants and late.

Other varieties, such as L. Canning, Marion Henderson, Glory of Pacific and Robinson, are looking well. Glory of Pacific is more advanced than any of the other varieties.

Mr. Meyer is known around here as the King of Mignonette growers. Of this he has a large stock and expects as usual to supply this market with the very finest of mignonette. On leaving Mr. Meyer said he would like to see the show a week later. It would be better for us all, but he will be on hand as usual and heard from after the judges have made their rounds.

Bowling.

At the Bowling Club Monday night only five members rolled. John Kunz, who is very sick, has not been able to roll for a few weeks past. Carl and Robert Beyer are also on the sick list and it will be a few weeks yet before the club will be able to roll its full membership. Following are the scores of the five games rolled:

	1	2	3	4	5	Tot.	Av.
J. J. Beneke.....	129	163	121	216	145	774	154
C. A. Kuehn.....	137	162	99	126	171	695	139
C. C. Sanders.....	111	122	116	134	146	629	125
F. J. Fillmore.....	67	116	127	130	118	558	111
R. F. Tesson.....	107	118	92	89	...	406	101

J. J. B.

MASONIC DESIGN BEDDING.

The Triennial Conclave of the Knights Templar was held this year in Pittsburg, and the various parks planted numerous Masonic design beds, in recognition of the great gathering. The Pittsburg Dis-

Welcome.

patch, in a recent issue, published engravings of a number of these beds, and we present in this issue reproductions of these engravings.

While this style of bedding is probably not to be commended from every point of view, the fact remains that it appeals forcibly to the people and attracts more attention from the general public and the daily press than the most beautiful landscape effect. And on special occasions, such as the one noted, it may certainly be considered permissible, though, of course, it should be a mere detail, and placed so as not to mar the general effect of the grounds.

Knights Templar.

The designs shown were worked out with the usual run of carpet bedding plants, such as alternantheras, echeverias, santolina, etc.

CHICAGO.

The Market.

Prices are practically the same as last week, and the supply keeps up well in spite of the frost last Friday night and the dark weather. City trade is not very brisk, the unfavorable weather largely neutralizing the benefit that was expected on account of the Peace Jubilee. On Monday trade started at a good gait, but on Tuesday there was a noticeable falling off in most cases. The shipping trade holds up well, though, and there may be a big increase in the local demand at the last moment. The downpour of cold rain on Monday and Tuesday did serious damage to the elaborate decorations by the retail merchants, and in the wind storm of Monday several of the large, weakly constructed arches over prominent streets were blown down. More unfavorable weather for an outdoor celebration could not well have been devised.

Chrysanthemums are seen in increasing quantities and some excellent blooms are now offered, but they do not seem to find buyers as readily as in previous years at the same season.

The market is now clear of field grown carnations, except a few that have been protected by some temporary covering, but the supply from inside seems ample for the demand.

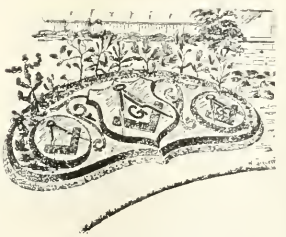
The Exhibition.

After considerable difficulty the Horticultural Society has secured a satisfactory lease of the Keith building, corner of Wabash Ave. and Monroe St., and the coming exhibition will be held therein. The society will control the main and second floors, but it is probable that the main floor will be found sufficient. The building is splendidly adapted to the purpose and the location is of course much more desirable than the old one on the lake front. The exhibition will be held November 8th to 12th inclusive. Anyone desiring a copy of the premium list may secure same by addressing W. N. Rudd, room 202, 185 Dearborn St.

Various Notes.

The annual election of officers will take place at the next meeting of the Florists' Club to be held Friday evening, Oct. 20. At this time permanent officers for the new bowling club will also be elected.

The Anderson Co. opened their handsome new floral store at Wabash and Madison last Monday. The fittings are most elaborate. The walls are formed of huge mirrors and all the woodwork is in white. The ice



The Blue Lodge.

box is a huge affair, very elaborately carved. Henry C. Rowe, formerly with Schubert, is in charge.

The Bay State Floral Co. has opened for business at 74 State St. The firm is composed of Otto Frese, formerly with W. E. Lynch, and C. Props.

The Garfield Park Floral Co., 1688 W. Madison St., has sold out to Ochslie Bros., who will continue the business under the title Garfield Park Flower Co.

Geo. Wittbold has built a handsome show conservatory 30x100 and a cool house 19x100.

Bassett & Washburn note an unusually large call for asparagus.

Recent visitors: Samuel Murray Kansas City, Mo.; James Hayes, Topeka, Kans.; Walter Mott, representing H. A. Dreer; Victor Wayman, Madison, Wis.; Clark W. Weaver, Bloomsburg, Pa.; E. C. Keck, Washington, Ia.; Geo. Kranz, Muscatine, Ia.; Miss Hall, Burlington, Ia.; Louis Dreher, Sibley, Ill.

Melchior Luetschg is still in charge of the grounds of F. B. Chandler, at Lake Geneva, and has been doing some excellent work there. The shrubs, trees and plants all show the care of a master hand, being in a remarkably thrifty condition. The Chandler residence is the Cingalese building at the World's Fair, which was purchased at the close of the fair by Mr. Chandler and removed to Lake Geneva, and the planting around it is appropriately tropical in character. The palms include some splendid specimens. The grounds comprise some twenty acres and there has been abundant opportunity for Mr. Luetschg to show his skill. There is a fine nursery of young stock to supply material for future planting. Among especially notable features are some standard geraniums, a fine lot of seedling gladioli, a group of specimens of the lemon verbena ranging from eight to ten feet in height, two fine seedling coleuses, and novel tree arbors formed by drawing three trees together and inarching them at a height of eight to ten feet above the ground. The conservatories contain a very good collection of decorative plants.

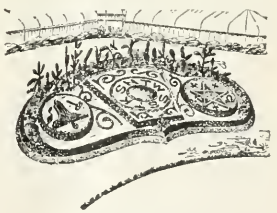
Bowling.

Following are the scores and averages made at the alleys last Friday evening:

	1st.	2nd.	3d.	4th.	Av.
John Zech	144	163	174	123	151
J. S. Wilson	182	110	145	122	139
Jno. Degnan	141	142	143	102	132
P. J. Hauswirth	131	136	128	131	131
C. Hughes	113	125	97	140	118
A. Henderson	147	108	103	107	116
A. Lange	108	129	105	...	114
H. Rowe	84	90	145	78	99
J. C. Vaughan	82	93	93	...	89

KEEP THE DEALERS POSTED.

Keep the dealer from whom you order flowers fully posted as to the sort of stock for which you have the largest sale. Write him as fully as possible when you have time to devote to the matter. Keep him fully advised as to the needs of your trade. He will then know much better how to fill your telegraphic orders. He will know whether to send you the best in the market at the top price or to send you a fair grade at a more moderate price. The dealer is anxious to please you but often his information is meagre. Make this information as full as possible by mail and your telegraphic orders will be filled more to your satisfaction.



Royal Arch Mason.

CHRYSANTHEMUM SOCIETY OF AMERICA.

The committee judging new seedlings will be in session October 8, 15, 22, 29, November 5, 12, 19 and 26. Exhibitors should make their entries for which a fee of $2 is charged for each variety entered, to the secretary not later than the Tuesday of the week the blooms are to be shown. Express charges prepaid and forwarded to any of the following addresses will receive careful consideration:

Boston, Mass., A. H. Fewkes, Horticultural Hall.

New York, N. Y., E. Dailledouze, care New York Cut Flower Co., 119 W. Twenty-third street.

Philadelphia, Pa., A. B. Cartledge, 1514 Chestnut street.

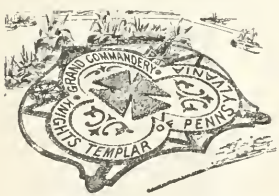
Cincinnati, O., R. Witterstaetter, care Cincinnati Cut Flower Co., cor. Fourth and Walnut streets.

Chicago, Ill., C. W. Johnson, care Illinois Cut Flower Co., 51 Wabash avenue.

Seedling Chrysanthemums.

As the time is fast approaching when those interested will wish to exhibit their seedlings before the committees, a few words regarding the rules and regulations governing these exhibits may not be amiss.

A fee of $2 is charged for each variety entered. This entry fee entitles the exhibitor to submit the variety before as many committees as he may desire. Six blooms are required of each variety shown and to be eligible must be such as have been tested at least two years. No member of a committee shall show his bloom before the committee of which he is a member. Varieties scoring 85 points are entitled to the society's first class certificate. Foreign varieties may also be entered and certificated under the same conditions.



Seal of Grand Commandery of Pennsylvania.

All numbered seedlings entered must also be provided with a name. In case the variety does not score enough to secure a certificate, and the exhibitor desires to apply this name to some other variety in the future, it will appear in all reports under number if the secretary be so requested.

Following are the scales of points adopted by the Chrysanthemum Society of America for use at exhibitions:

Scale A.—Scale of points for bush plants and standards, single specimen or any number up to six, in an exhibition where the class under consideration does not form the chief feature in the exhibition hall.

Equality of size and form of plant.	40
Size of bloom	30
Foliage	30
	100

Scale B.—Scale of points for bush plants; exhibits of more than six or for any number of specimen plants in an exhibition where the class under consideration forms the chief feature in the exhibition hall:

Equality of size and form of plant.	25
Size of bloom	20
Foliage	25
General effect	30
	100

Scale C.—Scale of points for plants grown to single stem and one bloom. A height of not over three feet is recommended for plants in this class, and pots not over six inches in diameter:

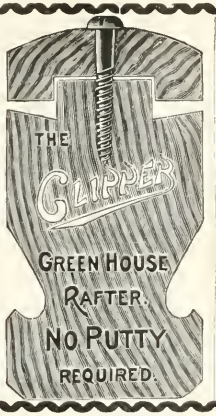
Compact, sturdy growth	40
Foliage	30
Size of bloom	30
	100

Scale D.—Scale of points for specimen blooms:

Color	25
Form	25
Fullness	15
Stem	10
Petallage	10
Size	15
	100

ELMER D. SMITH, Secy.

SALEM, MASS.—McGee, Geary & Co. report brisk business in funeral work and as they draw their supplies from several first class sources have had no trouble, even when flowers were most scarce, in filling all orders satisfactorily.



Butted Glass.

This is no longer an experiment, it has come to stay. There are various ways of making Butted Roofs, but the best way is with the

Clipper Bar.

With this bar you can make a roof that is absolutely free from drip, and glass cannot be torn out by the wind. Butted glass makes a tight roof, a warm house and saves fuel. It lasts longer, looks better and costs less than the old-fashioned roof. But do not think that this is the only bar we sell, for it is not; we furnish what people want and there is nothing in greenhouse material that you cannot get from us, and all of open-air-dried Cypress clear of bright sap, stained sap, knots and all other defects.

Lockland Lumber Co.

Write for Circulars or Estimates.

Lockland, Ohio.

SPECIAL INDUCEMENTS TO FLORISTS

ON THE LARGEST STOCK OF

Ornamental Trees, Shrubs, Vines and Roses

IN THE UNITED STATES. WRITE TO US FOR SPECIAL PRICES.

W. & T. SMITH CO., GENEVA, N. Y.

Mention The Review when you write.

ANNOUNCEMENT.

JOSEPH FLEISCHMAN, the Hoffman House Florist, New York, wishes to announce that his new and beautiful branch store is for sale. It is the finest and most completely fitted store in the country. The business at his main store having increased to such proportions as to make it impossible for him to attend personally and satisfactorily to both places. All information can be had by addressing

FLEISCHMAN,
Hoffman House Florist, New York.

Mention The Review when you write.

CHICAGO, Oct. 20, 1898.

ROSES

Beauties, long	per doz.	$1.50—$2.00
" medium	"	1.00— 1.50
" short	"	.75— 1.00
Brides, Maids	per 100.	2.00— 3.00
Perles	"	2.00— 3.00
Meteor and Kaiserin	"	2.00— 4.00
Roses, 2nds average about	"	2.00

CARNATIONS

McGowan, Storm King, Alaska, Daybreak, Scott, Portia, Armazindy and others, house grown, per 100 $1.00—$1.50

Same varieties also, Fisher, Silver Spray, Tidal Wave, Century, field grown per 100, .75— 1.00

Triumph, Painted Lady, Albertini and other fancies per 100, 2.00

Prices quoted are for good prime stock. Extra Select, and inferior quality charged for according to value.

MISCELLANEOUS

Alyssum	per 100,	$ .25
Chrysanthemums	per doz.	.75— 3.00
Marguerites	per 100.	.50
Valley, good home grown.	"	5.00
Violets, double	"	.60— 1.00
" single	"	.40— .75

DECORATIVE

Asparagus	per string.	$ .50
Ferns, common	per 100,	15
" per 1000, $1.25		
" Maiden Hair, Ex. Fancy	"	1.00
" " ordinary	"	.60— .75
Galax, green, new crop	"	.15
" " "	per 1000,	1.00
Leucothoe Sprays, per 100, 60c;	"	5.00
Smilax, good	per doz.	1.20
" Wild, parlor brand, case.	"	3.75
" Medium, case	"	5.50
" Large,	"	8.00

As it is yet too early to carry Wild Smilax in stock four days' notice is necessary.

Carnations
OUR SPECIALTY

Quotations Subject to Change Without Notice.

Write for prices on large quantities for special occasions.

Regardless of prices quoted we always bill out at lowest market rates.

P. & D.—AT COST.

Use the code. It will save you money. We know what it means. Get your orders in as early in the day as possible.

"Words are the only things that last forever."
—CARLYLE.

OUR FLOWERS DON'T BUT!

"I saw a lady wearing some of the Meteors I got of you just a week from the day of shipment that's not so bad."
—Extract from a letter from W. F. Will, Le Mars, Ia.

If YOU want that kind, try....

W. S. HEFFRON, MANAGER.

E. C. AMLING, 51 Wabash Ave., Chicago, Ill.

Store open from 7:00 A. M. until 6:30 P. M. Sundays and Holidays, closed at noon.

NORTHAMPTON, MASS.—H. W. Field has finished building for this season. His new plant is a handsome one; the showhouse, 110x30, with Lord & Burkham fittings, is an adornment. I understand others built upon the same principle, are to follow later.
W. M.

SOUTH HAVEN, Mich.—T. T. Lyon is about to retire from the directorship of the Agricultural Experiment Station here after a continuous service of ten years. Mr. Lyon is 85 years of age.

WANT ADVERTISEMENTS.

FOR SALE 3,000 feet of glass; no opposition. Write for particulars. R. S., care Florists' Review.

SITUATION WANTED—By young man, age 27, as assistant; have had several years experience in general greenhouse work; sober and reliable; references. Address B., care Florists' Review.

SITUATION WANTED—Englishman, age 27, total abstainer, would like situation as gardener for private gentleman, or assistant in commercial place; have had considerable experience both inside and out, in all branches; references forwarded; no preference as to locality. Address Lake, 16 Grove St., Carbondale, Pa.

SITUATION WANTED—By an allround grower of general stock for retail trade; 28 years of age; married; steady, sober and willing to work for employer's interests; 10 years in last place; 6 years as working foreman. Best of references. Address, Florist, 610 Breck Court, Scranton, Pa.

WANTED—Assistant florist; name references and wages expected. Address Geo. Sonster, Elgin, Ill.

WANTED—First class young man to work under foreman; state wages with board.
Samuel Murray, 1017 Broadway, Kansas City, Mo.

Chrysanthemums AT... MODERATE PRICES

We have a very choice lot, all grown to single stems, and for the coming week will have, in yellows, MRS. O. P. BASSETT and MRS. WHILLDIN. In whites, MRS. H. ROBINSON and extra fine IVORY. . . . . Prices, $1.00 to $1.50 per dozen.

Bassett & Washburn, ...STORE... 88 Wabash Ave., Chicago

GREENHOUSES: HINSDALE, ILL.

Mention The Review when you write.

SITUATION WANTED—In or near Chicago, by a middle-aged Danish gardener (single) in greenhouse or nursery. Address D., care Florists' Review.

SITUATION WANTED—As foreman, by a first class grower of roses and cut flowers; only a first class place wanted; good wages expected; best of references; open for an engagement now or any time later. Address Grower, care of Florists' Review.

SITUATION WANTED—By competent man with 22 years' experience, position as foreman in good establishment. Address Alex, care of Florists' Review.

WANTED—A man that is capable of taking charge of 100,000 feet of glass, growing tea roses. Must be No. 1 in growing. Good wages and steady employment. Bassett & Washburn, Hinsdale, Ill.

FOR SALE—Four greenhouses, nearly new. Good retail stand. A. CLAUS, Springfield, Ill.

FOR RENT OR SALE—First class retail stand, 5,000 feet of glass. New. In city. Ought to net good man at least $3,00 per day. Must buy stock, about $600.00. Reason for selling, failing health. Address "Illinois," care Florists' Review.

SITUATION WANTED—By expert grower of plants and cut flowers. Competent in every department. Seeks a situation where he may have a chance to make his services worth more than in his present place. Can surely advance his employer's interests if given suitable opportunity. Address S. D., care Florists' Review, Chicago.

For Sale. First Class Florist Store in center of city, fine trade and cheap rent. Owner leaving city. Address **Miss WELLS,**
234 N. Howard St., Baltimore, Md.
Mention Florists' Review when you write.

FOR SALE. A well established and paying FLORIST BUSINESS, with ten to thirty acres, 17,000 square feet of glass. Good residence and houses for help; everything in first class condition. Abundance of water. Situated near one of the largest cities in California. Ill health and a desire to retire from business cause for selling.
For full particulars and price, address
Lock Box 720, - LOS ANGELES, CAL.

TELEGRAPH CODE.

In telegraphing orders to any of the wholesale dealers in cut flowers use the following code:

Assume—Do not answer if cannot fill order.
Abrogate—In case you cannot fill order, telegraph at once.
Anticipate—Answer at once, stating whether you can or cannot fill order.
Ambition—If you can only partially fill order, do so, and reply, stating what.
Admiral—Order must be sent on train mentioned only.
Ambulance—Want all of order filled or none, and prompt answer back.
Adjacent—If cannot send on train mentioned, next one will do.
Affable—Send prepaid by baggage master, if no express messenger on train.
Decorate—If cannot send all on train mentioned, send all you can, and send balance on next train.
Admission—This order is a substitute for my regular order.
Dancing—If cannot fill order exactly as specified, you may substitute according to your best judgment.
Ancestor—This order is an addition to my regular order.
Durable—Colored flowers must not be substituted for white.
Affection—Fill if possible, even at extra expense.
Fabricate—Flowers ordered are to be re-shipped to a distance, therefore buds must be cut specially close.
Fortunate—Select extra stock and charge accordingly.
Devotion—For cheap work, and can use second-class flowers, if at reduced price.
Flattery—If price has advanced since last quotation, do not send goods, but telegraph.
Forgery—This order countermands all previous orders.
Formation—Add these items to the order which you already have, but in case first order is already shipped, cancel this addition.
Flaming—We are in a bad pinch; send us something to help us out, even if of poor quality.
Flocking—Have sent mail order; if not yet received, send following at once, and cancel mail order when received.
Foraging—This order includes all items previously ordered and wanted for this date.
Superior—Can use something especially fine, and am willing to pay accordingly.
Skip—If you are out, buy the best you can; we accept risk of getting "pickled" stock.
Corporal—If cannot send on night train, morning train will do.

THE CODE BELOW WILL BE USED IN ANSWERING YOU, WHEN NECESSARY.

Elope—Cannot fill your order to-day. Stock is scarce. Have tried to buy at other houses for you.
Lecture—Our store was closed yesterday when your telegram came. Received it this morning. Will ship by first train to-day, unless countermanded at once.
Willing—Cannot ship on train mentioned. Will send on next train possible to-day.
Eclipse—Will send part of your order. Balance scarce. Cannot get it at any price to-day.
Artistic—Cannot fill order to-day, if you want order filled (same order) to-morrow, wire us at once.
Favorite—Stock very poor, none better to be had. Will ship unless countermanded by..... o'clock.
Fundament—Stock named in this telegram has been sent, and balance, unless countermanded by telegram, will be sent on.....

HAGERSTOWN, Md.—Wm. Bester recently raised one of his greenhouses two feet. It was 20x120 feet and was setting too low. It was raised en masse without the loss of a single light of glass and it is now one of the best houses in his range. Raising a greenhouse in this way is an unusual operation and its entire success in this case is of interest.

HOLTON & HUNKEL CO.
Wholesale Florists
And Florists' Supplies.
Phone 874. WIRE DESIGNS—OUR OWN MAKE
457 Milwaukee St.
P. O. Box, 103. Milwaukee, Wis.
Mention The Review when you write.

Vaughan, McKellar & Winterson,
WHOLESALE FLORISTS,
45-47-49 Wabash Avenue, CHICAGO.
CUT FLOWERS AND ALL FLORISTS' SUPPLIES.
Orders booked now for Xmas
Holly and Bouquet Green.
See our Adv. of CYCLAMEN PLANTS elsewhere in this paper.

Bassett & Washburn
88 Wabash Ave., CHICAGO, ILL.
Wholesale Growers of and Dealers in CUT FLOWERS
Greenhouses at Hinsdale, Ill.
Mention The Review when you write.

Lynch WHOLESALE FLORIST. 19-21 E. RANDOLPH ST. CHICAGO
Our prices are as low as any and our stock superior. We ask for a trial order.
Mention Florists' Review when you write.

A. L. RANDALL
Telephone 1496 Wholesale Florist
4 Washington St., Chicago.
In our new and enlarged quarters we are better prepared than ever to handle your orders.
Mention The Review when you write.

Full Line of Wire Designs and Florists' Supplies **S. B. WINTER** Successor to Winter & Glover
Write for Illustrated Catalogue. 21 Randolph St. CHICAGO.
HIGH GRADE **Cut Flowers**
Properly Packed and Promptly Forwarded.
Mention The Review when you write.

WHOLESALE GROWER OF ROSES. DEALER IN CUT FLOWERS.
J. A. BUDLONG,
37-39 Randolph St.. CHICAGO, ILL.
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Cincinnati Cut Flower Co.
W. A. MANN. FRANK W. BALL.
4th and Walnut Sts. CINCINNATI, O. Wholesale Florists
Consignments Solicited.
Special Attention Given to Shipping Orders.
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WIETOR BROS.
SUCCESSORS TO
Rogers Park Floral Co.
WHOLESALE GROWERS OF **Cut Flowers**
All telegraph and telephone orders given prompt attention.
51 Wabash Ave. - CHICAGO.
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A. G. Prince & Company Telephone .....Main 3208
Agents for..... HINSDALE ROSE CO.
WHOLESALE CUT FLOWERS AND FLORISTS' SUPPLIES
88 and 90 Wabash Ave., - Chicago
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C. A. KUEHN WHOLESALE FLORIST
Cut Flowers and Florists' Supplies.
Manufacturer of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.
1122 PINE STREET, ST. LOUIS, MO.

ST. LOUIS CUT FLOWER CO.
Wholesale Florists
E. H. MICHEL
1322 Pine St., St. Louis, Mo.
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...LOUISVILLE...
Florists' Supply and Exchange
Wholesale Florists and dealers in Florists' Supplies
Special facilities for shipping south. Unequaled returns for good stock. Open night and day.
520 W. Jefferson St., Louisville, Ky.
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Orders should be placed NOW for KELSEY'S SOUTHERN **Galax Leaves**
Brilliant Green and Bronze Green are ready. Bronze about last of October. Information free of leading Wholesalers, or the Introducer.
HARLAN P. KELSEY,
1150 Tremont Bldg., BOSTON, MASS.
Prop'r Highlands Nursery in North Carolina.
Mention Florists' Review when you write.

The Jubilee Has Greatly Increased The Demand.

KENNICOTT BROS. CO.

The Jubilee Has Stiffened Prices.

Wholesale Cut Flowers

and Florists' Supplies,

88 Wabash Avenue, Rooms 22 and 23 CHICAGO, ILL.

Long Distance Telephone Express 466.

UNDER THIS DATE, OCTOBER 20, WE QUOTE AS FOLLOWS:

P. AND D. AT COST.	PER 100.	P. AND D. AT COST.	PER 100.
AMERICAN BEAUTIES, long	$15.00 to $20.00	VALLEY	$ 5.00
" " medium	10.00 to 12.50	VIOLETS	.60 to $ 1.25
" " short	5.00 to 6.00	CHRYSANTHEMUMS	10.00 to 25.00
BRIDES, METEORS	2.00 to 4.00	ADIANTUM	.60 to 1.00
MAIDS	2.00 to 4.00	SMILAX	10.00 to 12.50
PERLES	2.00 to 3.00	FERNS, common	.20
ROSES, our selection	2.50	" per 1000	$1.50
CARNATIONS, common	.75 to 1.00		
" fancy	1.25 to 1.50		
TUBEROSE "SPIKES"	3.00 to 5.00		

See Our Price Lists in Trade Papers.

Above prices subject to change without notice. All Flowers in season at lowest market rates. FLORISTS' SUPPLIES and WIRE WORK a specialty. On WIRE GOODS we can discount OUR OWN OR ANY OTHER LIST. Write for particulars. Store open week days until 6:30 P. M. Sundays and Holidays until noon only. Respectfully yours,

KENNICOTT BROS. COMPANY.

Mention The Review when you write.

HARDY CUT FERNS.

Write for Prices.

FANCY DAGGER

L. B. BRAGUE,

Oldest, largest and most reliable dealer in the U.S. HINSDALE, Mass.

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PALMS AND FERNS.

All sizes and varieties.

OUR OWN GROWN. Send for list.

ELLIS & POLLWORTH,

137 Oneida Street, MILWAUKEE, WIS.

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If You Have Any Surplus

Stock to sell to the trade advertise it in ....

THE FLORISTS' REVIEW.

Pittsburg Cut Flower Co., Ltd.

No. 705 PENN AVE., PITTSBURG, PA.

WHOLESALE CUT FLOWERS.

Long Distance Telephone 2157. Consignments of Choice Stock solicited

Mention The Review when you write.

LONG'S Stationery for Florists.

New Ideas, including ANNOUNCEMENTS, BLOTTERS, CARDS, LETTER HEADS, CUT FLOWER TAGS, Etc., Etc.

Five Samples 5c in stamps. Twenty-five Samples, 20c.

DAN'L B. LONG, PUBLISHER, BUFFALO.

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THE REGAN ... PRINTING HOUSE ...

Nursery Seed Florists' Catalogues

87-91 Plymouth Place, Chicago.

Adiantum Farleyense, 3-in. pots, $20.00 per 100; 4in. pots, $35.00 per 100.

CYCLAMENS, assorted, best, 3-in., $6.00 per 100.

SAMUEL MURRAY,

Successor to Probst Bros. Floral Co.,

1017 Broadway, - KANSAS CITY, MO.

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E. G. HILL & CO.

RICHMOND, Indiana.

Mention The Review when you write.

IF YOU want to buy you will find it to your advantage to buy of the advertisers in The Review. If you want to sell, you will find it to your advantage to advertise in The Review.

GRAND RAPIDS, MICH.

The weather has turned cooler, and now the quality of violets will improve rapidly. Mums are becoming more plentiful. Mad. Bergman for white and Glory of the Pacific for pink are the two earliest varieties. Crabb & Hunter had a fine batch in a week earlier than the rest of the boys and hit it fine. They grow about 2,000 plants of the earlies in 6-inch pots, two to three flowers to a plant, and it works all right.

Although flowers are very abundant, business is first class, as receptions, weddings and funeral orders, in addition to outside shipping, which is increasing some over last week, seem to make little impression on the bulk of flowers on the market. Take carnations, for instance; one can go out in the field and gather a few thousand and not miss them. A good hard frost, though, will spoil all remaining outdoor stuff.

The sale of roses is dropping off somewhat and mums being demanded in their stead.

Frank Paine, of Traverse City, and S. J. Long and wife, of Petoskey, were recent visitors. GEO. F. CRABB.

DAHLIAS.

Mr. E. Haentze, Fond du Lac, Wis., sends us quite an assortment of dahlia blooms, including many excellent varieties. They include Deutsche Reichsriesen, a good keeping large yellow; Red Jacket, a good red; Triumph, yellow; Zulu, large dark crimson; Ernest Herger, small red; Beethoven, salmon; Edler Mohr, almost black; Gen. Davoust, rose color; Negerfuerst, very dark maroon; Der Kleine Goldbandoren, a mixture of red and yellow; Katherine Soupert, small red; Mlle. Zehler, yellow tipped red; Dolly Keith, small white with yellow border; Schwarzer Teufel, small very dark crimson; John Bennett, dull old gold; Centifolia, fine double pink (good keeper); Max Deegen, small white; Kattau, large dark striped; Anna Pondorf, small yellow; and others. It was certainly a very interesting collection.

RIVERTON, N. J.

The latest member of the Dreer establishment to embark upon the sea of matrimony is the genial Jas. Kairns. May the happy couple's path be as calm as a midsummer swell. W. M.

JADOO.

A silver medal was awarded Jadoo at the great wine exhibition at Vienna, and Baron Rothschilds has ordered four tons of the fibre for his gardens in that city.

KINGSTON, PA.

Geo. Carr has one of the neatest kept establishments in the state and owes his success to eternal vigilance. No weeds stand a show to remain here. W. M.

SAMUEL S. PENNOCK,
Wholesale Florist,
LONG DISTANCE TELEPHONE
1612-14-16 Ludlow Street, ...PHILADELPHIA, PA.
Mention The Review when you write.

EXTRA HEAVY CLEAN ...STOCK...
Kentia Belmoreana
6-in., 5 to 7 leaves, $15.00 to $24.00 per dozen.
5-in., 5 to 6 leaves, $12.00 per dozen.
Kentia Forsteriana
6-in., 5 to 6 leaves, $12.00 to $18.00 per dozen
5-in., 4 to 5 leaves, $ 9.00 to $12.00 per dozen.
Field-Grown Carnations
A fine lot ready for delivery.
THE COTTAGE GARDENS, QUEENS, N. Y.
Mention Florists' Review when you write.

TULIPS

	Per 1000
Single, mixed	$4.00
Single, in colors, separate	5.00
Double, in colors, separate	5.50
Freesia Refracta Alba, selected	4.50
Double Von Sion, selected Bulbs	15.00
Single Narcissus, mixed	5.00
Crocus, blue, yellow striped, white	3.00

L. C. BOBBINK, RUTHERFORD, N. J.
Mention The Review when you write.

Areca Lutescens.
Three plants, 24 to 30 inches above pot, 6-in., $12.00 a dozen.
Also a few specimens 4 to 5 feet above 8 and 9-inch pots.
JOHN WELSH YOUNG, Germantown, Pa.
Upsal Station, Penna. R. R.
Mention Florists' Review when you write.

Cut Flower Exchange,
404 - 412 East 34th St., New York,
NEAR THE FERRY.
Open Every Morning at 6 o'clock for the sale of CUT FLOWERS.
Wall space for Advertising purposes to Rent.
J. DONALDSON, SECRETARY.
Mention The Review when you write.

Asparagus Sprengerii, bushy, 3-inch, $5.00 per 100; 4-in., $8.00 per 100. Blue Spirea and Weeping Lantana, 2-in., $2.00 per 100, 30c per doz. Swanley and Farquhar Clumps $4.00 per 100. California and Campbell Clumps, $2.50 per 100. English Ivy and Blue and Red Spirea, from field, $4.00 per 100, 50c per doz. Cash with order.
RONEY BROS., Florists, WEST GROVE, PA.

Always mention the Florists' Review when writing advertisers.

GIVE US A TRIAL WE CAN PLEASE YOU.

ROSES, CARNATIONS, and All Kinds of Seasonable Flowers in stock.
WM. F. KASTING, Wholesale Commission Florist,
495 Washington St., BUFFALO, N. Y.
Also Dealer in Florists' Supplies and Wire Designs.
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WM. J. BAKER,
WHOLESALE CUT FLOWERS,
1432 S. Penn. Square, PHILADELPHIA. PA.
Original Headquarters for CARNATIONS.
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WM. C. SMITH
Wholesale Florist,
1604 Ludlow St. PHILADELPHIA.
LONG DISTANCE PHONE.
Consignments of Choice Stock Solicited.
Our central location enables us to fill out-of-town orders at short notice.
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EDWARD REID,
LONG DISTANCE PHONE.
Wholesale Florist,
1526 Ranstead St., PHILADELPHIA, PA.
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H. Bayersdorfer & Co.
THE LARGEST SUPPLY HOUSE IN AMERICA
New Catalogue of all Florists' Supplies on application. For the trade only.
50 to 56 N. 4th Street, PHILADELPHIA, PA.
Mention Florists' Review when you write.

Always Mention the.... Florists' Review When Writing Advertisers.

We can take on a few more consignors of **GOOD FIRST GLASS ROSES.** We want more stock for our shipping trade, and for stock that we can use for that purpose we can make satisfactory returns.

E. H. HUNT, 76-78 Wabash Avenue, **CHICAGO.**

HUNT'S WEEKLY QUOTATIONS

Taking effect Thursday, Oct. 20, 1898.

Subject to Change Without Notice.

We are Headquarters for CUT FLOWERS.

ROSES.

Good stock scarce.

Beauties, long	per doz.,	$2.00—3.00
" medium	"	1.00—1.50
" short	"	50—1.00
Brides	per 100,	3.00—4.00
Kaiserin	"	4.00—5.00
Maids	"	3.00—4.00
Meteors	"	3.00—4.00
Perles	"	2.00—3.00
Our selection	"	2.00

CARNATIONS.

Selected Stock	per 100,	$1.00—1.50
Good	"	.75—1.00

GREENS.

Asparagus	per string,	$ .50
Ferns—Adiantum	per 100,	.75
Common Fancy	per 1,000,	1.50
Smilax	per doz.,	1.25—1.50

Wild Smilax, can supply on 4 days' notice. Large case $8.00; Medium 5.50; Parlor Brand 3.75

Galax Leaves, green, $2.00 per 1000.

MISCELLANEOUS.

Chrysanthemums	per doz.,	$1.50—3.00
Callas	"	1.00—1.50
Valley	per 100,	5.00
Tuberose Stalks	"	6.00
Ivy Leaves	"	.60
Alyssum	"	.15

HUNT'S FLOWERS GO EVERYWHERE.

☞ **Special Attention given to the Shipping Trade.**

Mention Florists' Review when you write.

LIL. LONGIFLORUM, very scarce.

We offer until sold: 5x7, per 100, $1.50; 6x8, per 100, $2.50; 7x9, " 4.50. Fine stock Hyacinths, Tulips, Narcissus. Send for prices.

Fresh Aralia Sieboldi Seed, beautiful decorative plant, per 100 seeds, 25c; per 1000 seeds, $2.25, delivered. A fine lot of Calla Ethiopica, to clear stock; — sound center shoots, 3x5, per 100, $3.00; 4x6, per 100, $5.00. Pansy Seed, choicest Giant, 1000 seeds, 25c. Cyclamen Giganteum Seed, per 1000 seeds, 75c. Address

H. H. BERGER & CO., 47 Barclay St., NEW YORK.

Mention The Review when you write.

PANSIES Worth Raising.

Excellent Seed.

3-16 oz., $1.00; 1 oz., $4.00. Up in 8 to 10 days if properly treated. **Fine Stocky Plants,** $1.00 per 1000, F. O. B. express. Cash with order.

C. SOLTAU & CO.,

199 Grant Ave., JERSEY CITY, N. J.

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GEO. A. KUHL,

Wholesale Cut Flowers, Roses and Carnations

PEKIN, ILL.

Mention The Review when you write.

SEND IN your order now for a copy of The Florists' Manual, by William Scott. It will cover the whole field of commercial floriculture and will be the standard work of reference for the trade. Price $5.00.

J. M. THORBURN & CO.

Late of 15 John Street, Have

REMOVED TO **36 CORTLANDT STREET, NEW YORK.**

CATALOGUE OF BULBS AND CHOICE FLOWER SEEDS for Florists now ready and mailed free on application.

Mention The Review when you write.

REED & KELLER,

122 W. 25th St., NEW YORK CITY.

Manufacturers of and Dealers in **WIRE DESIGNS**

FLORISTS' SUPPLIES

Mention Florists' Review when you write.

Live Sphagnum Moss

For Orchids, etc., $1.25 per bbl.

Sphagnum Moss First quality, 85c per bale, 10 bales $6.00.

Peat $1.20 per bale, quality A No. 1.

Z. K. JEWETT & CO.,

SPARTA, - - WISCONSIN

Mention Florists' Review when you write.

Ornamental Shrubs,

HERBACEOUS PERENNIALS.

A specialty of Iris, Phlox, Pæonies, Pyrethrums, Poppies, etc. Wholesale List on application,

JACOB W. MANNING,

The Leading New England Nurseryman. ESTABLISHED 1854. **READING, MASS.**

Mention The Review when you write.

Send to **THE MOON**

Company

For Your { Trees, Shrubs, Vines, and Small Fruits.

Descriptive Illustrated Catalogue **Free.**

THE WM. H. MOON CO., Morrisville, Pa.

Mention Florists' Review when you write.

Pandanus Veitchii,

20 to 24 inches above pot, 7-in., $1.50 each. 24 to 30 " " 8-in., 2.00 "

Also specimens 3 to 4 feet above 9, 10 and 12-inch pots.

JOHN WELSH YOUNG, Germantown, Pa.

Upsal Station, Penna. R. R.

Mention The Review when you write.

CARNATIONS.

H. WEBER & SONS, - OAKLAND, MD.

Always mention the Florists' Review when writing advertisers.

GERANIUM MME. JOULIN.

I consider this the finest semi-double geranium offered in many years. It is an entirely distinct color in the Bruant or bedding type. Very large florets form a truss of grand size. The color is a very delicate pink bordered with pure white. It is unrivalled by any bedding sort and is especially effective in cemetery work. I have also found it useful in design work, the flowers being so lasting, and they are produced in great profusion.

FRED SCHNEIDER.

Cleveland, O.

SAN JOSE SCALE.

We have received a copy of Bulletin No. 57 of the Maryland Experiment Station, College Park, Md., containing a very complete report by W. G. Johnson, the entomologist, on the San Jose scale in Maryland and remedies for its suppression and control. The scale has done very serious damage to the Maryland peach orchards, many of them having been entirely destroyed by the pest. The report gives a large amount of information regarding this scale, and is freely illustrated.

DUTY ON PINE CONES.

By a decision of the Treasury Department under date of Oct. 6, pine cones containing seeds are dutiable at 30 per cent ad valorem under paragraph 254, act of 1897, as "Seeds of all kinds not specially provided for." Under a former decision such cones were admitted free as a crude vegetable substance not otherwise provided for.

AMERICAN INSTITUTE FAIR.

At the recent exhibition in New York City Rowehl & Granz, Hicksville, L. I., were large exhibitors of dahlias and were awarded five prizes.

BANGOR, ME.—Adam Sekenger reports the busiest August for years past, and even with the enlarged office and workroom combined has no room to spare. An excellent cold storage cellar has been added, into which the day's cut can be carried both for home and the downtown branch, the picture of a corner of which I send herewith. The stock is in first class shape and reflects credit upon the competent help employed. W. M.

PHILADELPHIA, Pa. — W. Atlee Burpee & Co. are moving from their temporary quarters on Fairmount Ave. to the new Burpee Building, 475 and 477 North Fifth St.

150,000 EARLY JERSEY WAKEFIELD CABBAGE PLANTS now ready for transplanting in cold frames. Our wintered over Cabbage Plants never run to seed. Price $1.00 per 1,000. Order at once.

25,000 LETTUCE PLANTS now ready for forcing, $1.50 per 1000. Order at once and ask for our catalogue.

CALEB BOGGS, Cheswold, Del.

Mention The Review when you write.

Palms

ARECA LUTESCENS,
COCOS WEDDELIANA,
KENTIA BELMOREANA,
LATANIA BORBONICA.

For Sizes and Prices See Florists' Review, September 29th, Page 477.

Joseph Heacock, Wyncote, Philadelphia, Pa.

Mention The Review when you write.

4 Acres Field-Grown Carnation Plants, 91,000

Our Carnations are first-class in every respect, free from disease, and packed lightly by our improved system of packing, by which we can send them to all parts of the United States and Canada in perfect condition.

JUBILEE BUTTERCUP CRIMSON SPORT HELEN KELLER
$6.00 per hundred.

BRIDESMAID IVORY SWEETBRIER MRS. FISHER METEOR ARMAZINDY L. L. LAMBORN MME. DIAZ ALBERTINI PURITAN SILVER SPRAY CHESTER PRIOE STORM KING WM. SCOTT
$4.00 per hundred.

Send for Price List.

J. L. DILLON, BLOOMSBURG, PA.

Mention The Review when you write.

Carnations!

We have left fine stock of Jubilee, Tidal Wave, Mrs. Duhme, Morello, Goldfinch, Ivory, Harrison's White, Pingree and Firefly. Send for prices.

LANCASTER, Pa., October 8, 1898.
Messrs. Geo. Hancock & Son, Grand Haven, Mich.
GENTLEMEN: — Your plants received in good shape. They are the best plants I have ever bought, and am greatly pleased with them. Respectfully,
H. D. ROHRER.

GEO. HANCOCK & SON, GRAND HAVEN, MICHIGAN.

Mention The Review when you write.

GREATEST BARGAIN IN PLANTS

BECAUSE ALL STOCK OFFERED IS IN A-1 CONDITION.

Roses. Maids, Brides, 4-in., $7.50 per 100. Meteors, Maids, Brides, Perles, Niphetos, 3-in., $5.00 per 100.

Carnations. Field-Grown, ready now. Daybreak, Scott, McGowan, Jubilee, Rose Queen, Helen Kellar, at $5.50 per 100, or $50.00 per 1000.

Violets. Marie Louise, field-grown, ready now, $5.00 per 100, or $40.00 per 1000.

Rubber Plants. Ficus Elastica. Plants in 5-in. pots, at $5.00 per dozen.

Begonia Rex. 4-in. pots. $20.00 per 100.

WM. F. KASTING,
495 Washington St., BUFFALO, N. Y.

Mention Florists' Review when you write.

Carnations— 50 per cent. Reduction

Strong, field grown plants. Scott, also a few hundred each of Daybreak, Alaska and McGowan, $3.00 a 100, $25.00 a 1,000.

JOHN WELSH YOUNG,
Upsal Station, Penna. R. R. GERMANTOWN, PA.

Mention The Review when you write.

CARNATIONS.

Kathleen Pantlind, strong plants,	$10.00	per 100.
Flora Hill, strong plants	7.00	"
Argyle, " "	7.00	"
Empress, " "	7.00	"
Red Wave, " "	7.00	"
Morello, " "	7.00	

HOPP & LEMKE,
(Paul Post Office) East Grand Rapids, Mich.

Mention Florists' Review when you write.

Surplus Field Grown Carnation Plants..

Clean, healthy, strong plants with plenty of roots.

White Cloud, white.	C. A. Dana, pink.
John Young, "	Dazzle, scarlet.
Mary Wood, "	Jubilee, "
Storm King, "	Gold Nugget, yellow.
New York, pink.	Psyche, variegated.
Painted Lady, pink.	Lily Dean, "
Mrs. C. H. Duhme, pink.	Meteor, crimson.

Send for Price List.

F. DORNER & SONS CO.,
LaFAYETTE, IND.

Mention Florists' Review when you write

..CARNATIONS..

Strong, healthy plants, leading varieties, popular prices.

VIOLETS -- Extra fine, healthy clumps of Marie Louise, from field.

Write for Price List.

CRABB & HUNTER, GRAND RAPIDS, MICH.

Mention The Review when you write.

FIELD... GROWN **Carnations..**

Fisher, $3.00 per 100.

Violets.. Lady Campbell and Farquhar, $3.00 per 100

CASH WITH ORDER.

MRS. F. W. POORE. - - Haverhill. Mass.

Mention The Review when you write.

REINBERG BROS.

Wholesale Cut Flowers,

51 Wabash Ave., CHICAGO.

Roses and Carnations

GROWING UNDER
600,000 FEET OF GLASS

Enable us to supply any quantity. We grow our own stock and when you order from us you will get STRICTLY FRESH GOODS.

We Are Headquarters for American Beauties

and can supply you when you cannot obtain them elsewhere. We shall this season cut from 50,000 plants. We have also increased the space devoted to

MAIDS, BRIDES, METEORS, KAISERINS and PERLES.

and can supply any quantity at right prices.

We shall have an extra large supply of High-Grade CARNATIONS this season and can please you in this line.

Regular Shipping Orders will have special attention.

WHOLESALE PRICE LIST.

CHICAGO, October 17, 1898.

AMERICAN BEAUTY		
Extra long stem	per doz.	$3.00
24-inch stem	"	2.00
20 "	"	1.50
15 "	"	1.00
10 "	"	.75
6 "	"	.50
METEOR	per 100,	$2.00 to $4.00
BRIDESMAID	"	2.00 to 3.00
BRIDE	"	2.00 to 3.00
KAISERIN	"	2.00 to 4.00
PERLE	"	2.00 to 3.00
CARNATIONS	"	.75 to 1.00
" fancy	"	1.50 to 2.00

All other stock at lowest market prices.
No charge for packing.

Mention The Review when you write.

TREES Norway Maples Silver Maples TREES

ORNAMENTAL TREES, FLOWERING SHRUBS.

Large Trees for Park and Lawn Planting.

SEND ME YOUR LIST FOR SPECIAL PRICES.

OAK PARK NURSERIES,
M. F. TIGER, Prop.
PATCHOGUE, L. I., N. Y.

Mention The Review when you write.

THE BEST FOR ALL Florists

"ROSE LEAF" EXTRACT OF TOBACCO INSECTICIDE

For Sale by Seed Stores

For Free Pamphlet, write to

Louisville Spirit Cured Tobacco Co. Louisville, Ky.

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CATALOGUES RECEIVED.

Harlan P. Kelsey, Boston, Mass., galax leaves and leucothoe sprays; same, hardy American plants and Carolina mountain flowers; Cincinnati Cut Flower Company, Cincinnati, O., wholesale price list cut flowers; Ellis & Pollworth, Milwaukee, Wis., price list of cut flowers and florists' supplies; E. H. Hunt, Chicago, Meyer Green Silkaline for stringing smilax, etc.; Holton & Hunkel Company, Milwaukee, Wis., price list cut flowers, florists' supplies; Morris Floral Co., Morris, Ill., carnations, geraniums, pansies, etc.; Weeber & Don, New York City, bulbs, roots and seeds; Schlegel & Fottler, Boston, Mass., seeds, bulbs, plants, etc.; J. L. Dillon, Bloomsburg, Pa., field grown carnation plants; Benjamin Hammond, Fishkill-on-Hudson, N. Y., slug shot; Cherry Hill Nursery, West Newbury, Mass., paeonies, phlox, Japan lilies; Dingee & Conard Company, West Grove, Pa., bulbs and winter blooming plants; Pinehurst Nurseries, Pinehurst, N. C., native woody herbaceous plants and seeds; Kennicott Bros. Company, Chicago, cut flowers and supplies; W. A. McFadden, Cincinnati, O., price list of cut flowers; Old Colony Nurseries, Plymouth, Mass., nursery stock; A. G. Prince & Co., Chicago, wholesale cut flowers and supplies, also Clara Cemetery Vase; Kraft Plant Tonic Company, Rockford, Ill., Kraft's Plant Tonic.

CARNATION SUPPORTS.

The Model Extension Carnation Support is now to be seen in the houses of many carnation growers. It is certainly very ingenious and simple at the same time. Three parts are quickly placed together to make the first ring, and the construction of the "feet" makes the support stand very firm. The second ring can be quickly added later and this can be placed at the exact distance desired from the first one. So far as we can see as many extensions can be added as may be needed.

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Samuel Murray, for many years secretary and treasurer of the Probst Bros. Floral Co., has purchased the business of the company and has leased the realty and houses for a term of years. He will continue the business at the old stand.

FOND DU LAC, WIS.—Mr. E. Haentze has recently rebuilt and enlarged three of his houses.

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Shipped to any part of the country.

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Also Wire Rose Stakes.

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FLATBUSH, BROOKLYN, N. Y., Feb. 18, '97.
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W. HOBOKEN, N. J., Feb. 18, '97.
MR. THERON PARKER, Brooklyn, N. Y. Dear Sir:—It gives me much pleasure to congratulate you upon your success in getting up Carnation Supports. I think that those I have had from you are about as perfect as anybody will be able to make them. They certainly fill my bill for an ideal carnation support, a thing I have been looking for for a long time. Wishing you every success in the sale of them, I am,
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Just a Moment With You

AN OPPORTUNITY to thank our many friends and patrons for their kind indulgence in the delay in filling orders this season. We had greatly improved our facilities, but the business was way beyond anything we had looked forward too. So we have once more enlarged our manufacturing department, and feel that we are now in a position to say that we can handle all orders with promptness and satisfaction.

Our new Illustrated Catalogue, now ready, is one of the finest ever produced in this line. Yours for the asking. No up-to-date florist can afford to be without one.

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Iris Germanica	1.00
Perennial Phlox, superb collection	5.00
Rudbeckia Golden Glow	4.00
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Yucca Filamentosa, 2 years	8.00

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PLUMOSUS NANUS, 2½-in. pots, $7.00 per 100. Per 100

Roses, Bride and Bridesmaids, 3½-in. pots	$5.00
Cyperus Alternifolius, 2½-in. pots	2.50
Grevillea Robusta, 2½-in. pots	2.50

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Strong and stocky, 6 to 10-in., $3.00 a 100, $25.00 a 1000. Fine specimen plants, 2 to 3 ft., at $10.00 a 100. Cal. privet, 2 to 3 ft., well branched, at $2.00 a 100; 15 to 20-in., 75c a 100; unrooted cuttings, 10 to 12-in. packed in moss to carry any distance, $1.25 a 1000.

Mariana Plum Cuttings, 10 to 12-in., at $1.00 a 1000.

Chinese Arbor Vitæ, 1 to 1½ ft., at $2.00 a 100.

Pelican Strawberry Plants, the best varieties for the South, fruit large, sweet, very early and stands the summer sun better than any other variety. $2.00 a 1000

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ENGLISH IVY, 2½-inch pots, $3.00 per 100.
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Rudbeckia, Golden Glow, from 3½-in. pots, $4.00 per 100.

Achillea, The Pearl, from 3½-in. pots, $4.00 per 100.

Coreopsis Lanceolata, from 3½-inch pots, $4.00 per 100.

Grevillea Robusta, 8 in. high, $4.00 per 100.

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OLEAN, N. Y.

Mrs. F. H. Johnson is justly proud of her success in the cultivation of orchids. Her cattleyas, both Mossiae and Trianae, have produced blooms that measure fully 6½ inches across, and she has a handsome plant of Peristeria elata with eleven blooms. In ordinary stock she has about 500 well grown chrysanths, all in pots.

W. M.

SUNBURY, PA.

C. E. Rossiter adopts the V-shaped method in chicken wire, with a length back and front of 12 inches wide, placed sufficiently high to allow of weeding. This answers well, especially in houses of medium size. His carnations are looking fine. Roses very clean. W. M.

INDIANAPOLIS, IND.

The final premium list for the twelfth annual exhibition of the State Florists' Association of Indiana, to be held in this city Nov. 8 to 12, has been issued. Copies may be had on application to the secretary, Mr. R. A. McKeand, Garfield Park, this city.

HOLYOKE, MASS.—"Walk in and see our chrysanths," was Harry Sinclair's invitation when I called upon E. H. Howland. I did and challenge superior stock to be produced: Clean, thrifty, bold plants, foliage like leather and of great size. Considerable improvements have been made in the houses during the summer. Here Wootton thrives a la Dunlop and Gammage, Perles a la Dale. The fall show will be an interesting one and is commendable. W. M.

SPRINGFIELD, MASS.—Outcast has found a home with Mark Aitken, who has 500 of this carnation planted in his newly acquired range of glass. Violets are taking hold in good shape and the palm house is just the thing.

J. Schlatter & Son have added a violet house for violets and one for azaleas. They speak highly of Jadoo and have several enquiries from their cemetery patrons who have noted the extraordinary results. W. M.

PORTLAND, ME.—Niles Nelson has a good thing in a pure lemon yellow coleus, which for three years has proven to be a most excellent bedder. The foliage is large and the habit of plant very robust. It does not bleach out in the sun. His chrysanths in pots are fine, as are carnations. Scott, Daybreak, C. A. Dana, and Flora Hill are his favorites. W. M.

MANCHESTER, N. H.—A. G. Hood was planting his carnations by electricity (light) when I called. He stands by Fisher, not having found any other kind more suited for his trade. His Scotts are fine; no sign of deterioration.

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can be prevented by immersing the bulbs for 3 hours in a half solution of.....

..Kraft's Plant Tonic.. 99%

This has been conclusively proven by experiments at Lincoln Park, Chicago. The Tonic also kills **Hard Shelled Scale, Mealy Bug,** and other insect pests without injury to the plant. A trial of a 25-cent bottle will convince you that a really remarkable insecticide has been discovered. Send for circular.

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FRANCE -- Roman Hyacinths, Narcissus, Freesias, etc.

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State quantity needed and prices will be cheerfully given by

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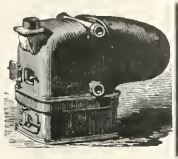

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200,000 Giant Flowering Pansy Plants, 50 at 1000 rate.		$ 3.00
50,000 Geraniums, up-to-date varieties, 2-in	$2.00	15.00
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5,000 Heliotropes, 4 newest " 2-in	2.00	18.00
1,000 Southern Thyme (white), 4-in	4.00	
2,000 Little Gem Feverfew 2-in	2.00	15.00
6,000 Flowering Begonias, 20 varieties, 2-in	2.00	18.00
2,000 Flowering Bushy, 20 varieties, 3½-in	3.00	25.00
500 Gynura or Velvet Plant, 2-in	3.00	
1,000 Primula Obconica, 2-in	2.50	
200 Coleus Brownia (new), 2-in	5.00	
300 Adiantum Cuneatum, 5-in	10.00	
200 Nephrodium Cristata, 6-in	10.00	
400 The True Maidenhair Fern, 5-in	10.00	

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600, 3-inch pots	at $3.00	per 100.
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500, 6 "	at 50.00	"

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Ericas (Heather), also Full Line of Other Flowering Plants Price List on Application.

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Strong, pot grown, 4-inch, $6.00 per hundred, $50.00 per thousand. Cash with order.

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Nice large plants from soil at 80c per 100; $7.00 per 1000. .....Sample for stamps.

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ETC.

Areca Lutescens, Latania Borbonica, Kentias, Bel. and Forst. Cocos Weddeliana, Livistona Rotundifolia, Phoenix Reclinata and Rupicola, Ficus Elastica and Elastica Var. Pandanus Veitchii and Pandanus Utilis, Dracaena Sanderiana, etc.

Hardy, stocky and Perfect. An immense stock of all sizes up to elegant specimens. If you do not know the quality of my stock ask some one who does. I can guarantee satisfaction as to quality, prices and everything.

SEND FOR WHOLESALE PRICE LIST.

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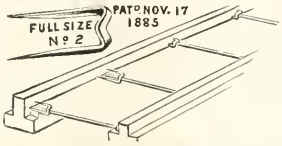

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SPECIMENS FOR 8-INCH POTS, $6.00 per 12.

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BLOOMSBURG, Pa.—J. L. Dillon is building a new house 22x300 for carnations.

DELAWARE, O.—George W. Campbell, the veteran horticulturist, died recently at the advanced age of 82 years.

CANTON, O.—Florist C. W. Faust took twenty-four leading premiums at the Stark county fair. He was especially successful in roses, carnations, tuberoses and pot carnations.

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GALVANIZED WIRE—100 POUND ROLLS—SHORT LENGTHS RUN FROM 65 FEET UP. PRICE PER ROLL 100 POUNDS $1.15.

OUR PRICES ARE ½ OF OTHERS.

ANY GAUGE FROM 8 TO 16

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An assortment of **twenty varieties** (fifty each), purchasers' selection from Shrubs quoted in trade list at $4.00 to $7.00 per 100, will be furnished for **$50.00,** F. O. B., when cash accompanies order, otherwise packing charged at cost.

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100,000 California Privet, 1 year, 2 years, 3 years.
5,000 Deutzia Gracilis, 12 to 15 inches, very fine for **Florists** to **Force, $6.00** per 100, **$50.00** per 1,000.
10,000 Hydrangea Paniculata, different sizes.

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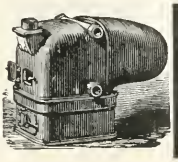

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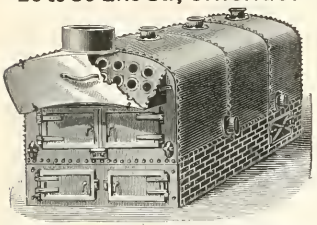

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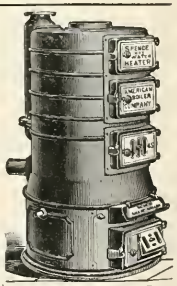

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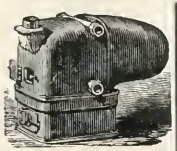

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THE WEEKLY FLORISTS' REVIEW

Watson B. M. Jamaica Plain Mass 62

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SIMPLE FLORAL ARRANGEMENTS.

A Basket of Roses.

The illustration shows a basket of the Bride and Bridesmaid roses, without ribbon, or any other garnishing or addition than the rose foliage, and with no formal separation of color as is sometimes made.

Basket of Roses.

Adiantum fronds or other suitable material are often used to form a margin to the basket, and interspersed among the flowers; and the handle of the basket may be partially concealed by lasting foliage, or flowers, or both; but this should not be carried to such an extent as to hide the form of the basket; and flowers used for this purpose, not having protection afforded by the damp moss in the body of the basket, are apt to wilt quickly, and detract from the appearance of the work.

Some florists use ribbon so liberally that the flowers seem to be of secondary importance; or they choose baskets of odd or intricate designs; but it will be found best to select those of simple shapes, made of good material, which should not be entirely hidden; to fill them without overcrowding, with good flowers, firmly placed, of few kinds and colors, and trust them to please by their good material and tasteful arrangement, rather than by a resort to the milliner's art.

W. T. BELL.

HOW TO KILL JUNE BUG LARVAE.

Having seen inquiries as to how to destroy the larvae of the June bug in rose beds without injuring the plants, I wish to give my experience for the benefit of others who may be troubled with them. I filled up my rose-house benches the first week in June, cutting new sod to put in the bottom of the benches, turning the top side down to give good drainage; my beds are nine inches deep. Then I planted my roses from 6 and 7-inch pots. They were grafted on the manetti stock the second week in January and they grew so fast I let them flower in April to keep them from getting too tall.

They took hold of the new soil and were breaking freely, when on the 6th of July I noticed some of the leaves of the young shoots wilted and burnt on their edges. I could see it was not a scald, but something must be wrong with the roots. I dug down about four inches and found a small larva of the June bug about a quarter of an inch in length, and on digging down to the bottom a hole about six inches square I found nineteen larvae. I tried other places, and every place I tried I found from three to nine. I immediately watered them with lime water and it did not seem to hurt them. I also watered some with Rose Leaf extract; then I tried part of a bench with one-

third of a bushel of lime to a barrel of water. I examined them the next day and found an odd one dead, but nine-tenths of them were as healthy as ever.

I then bought some bisulphide of carbon and made holes ten inches apart with part of a broom handle, pouring a teaspoonful of the bisulphide of carbon into each hole, and covered it up with fine soil. I experimented on six feet of a Wootton bench. The next day they were all about dead. I waited three days to see if any injury was done the roses, but it did not hurt them and I could not then find a live larva, so I bought more and went over all the benches. I had a man to fill the holes up with fine soil as soon as the liquid was poured in, as it evaporates very quickly when exposed. It is very inflammable. The ventilators were kept wide open day and night until all the gas had disappeared. I have three benches forty-five feet long and three feet wide, and it took four pounds of bisulphide of carbon at a cost of $1.08.

JAMES WHEELER.

Brookline, Mass.

Hybrid Perpetuals.

If you force any hybrid perpetual roses it is time to prepare for them. In the case of houses being too far removed from a city to cart in plants for Easter trade the roses in pots are out of the way by April, which gives you abundance of time to prepare for chrysanthemums again, or maybe six weeks to spread out and finish off many of your important bedding plants such as geraniums, cannas, etc.

Thousands of budded roses are imported every fall from Europe, but for some reason, perhaps the journey over and the length of time they are dug before shipping, are not satisfactory for forcing in pots the first year. If carefully heeled in for the winter, cut down low in the spring and planted out when ground is dry in the spring, they will make fine plants for lifting and potting the following fall, or if potted in the spring in 5 or 6-inch pots, cut well down and grown all summer, they will be in excellent shape to force the following winter and could be flowered much earlier than those lifted from the ground the same fall, provided they were ripened and slightly rested in October previous to being forced. Since the American Beauty is so largely grown, and more particularly Meteor, which is so much the color of Jack, the forcing of Jacqueminot and other hybrids for the holidays is about abandoned for the good reason that it would not pay. Thousands of roses are, however, grown both for the blooms and for pot plants to come in during the months of March, April and May, and it is of these I would attempt to give you some hints.

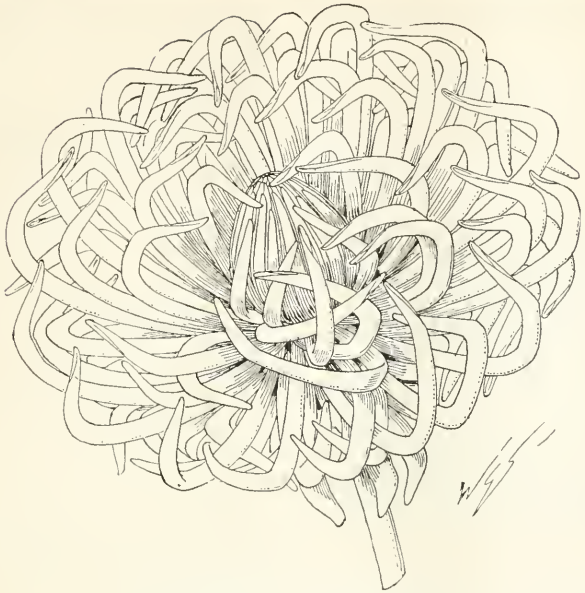
Easter is the season when the largest number can be sold and the best value obtained for both plants and cut blooms. The time it takes to bring the plants into bloom or at their best from their perfectly dormant condition will, of course, vary according to the season you want them, and to some extent in the varieties. Supposing you wished them at their best the middle of April, then from eleven to thirteen weeks would be needed to bring them in, that is, supposing you started with a night temperature of 40 degrees and slowly increased till they were in flower. If the plants have been carried over in pots during the summer and have made good strong growths, they will, as stated above, be easier to force, both as regards care and time, for being well established and roots undisturbed, there is nothing to prevent them breaking good and giving you perfect flowers. From now till January these plants would be best in a cold frame or in some sheltered place out of doors where protection from very hard freezing can be given.

Many of us will be growing roses that we lift from the field or purchase from nurserymen who have grown them this summer. Buy home grown plants and there is little fear of failure unless you try to force them too early. There is no reason for delay and the middle of November is as late as it is desirable to pot them. Several of the best hybrid roses make a poor growth on their own roots and can only be purchased when budded, and if all is budded stock none the worse, in fact all the better for forcing in pots. You had better pay a fair price for good strong plants, and that I would call a plant with from three to five stout shoots. They are easier to handle and pot after being cut down, so that is the first operation as soon as you dig or receive them. The lower they are cut the better appearance the plant has, but you should leave at least three good eyes to each strong shoot. Sometimes the lowest eyes are weak and would give you only a feeble growth and no flower. Small, spindling growth cut out entirely.

Pot into 5 or 6-inch pots, or still larger if the plants are extra strong, using a good fresh, rather heavy loam, to which add a fifth of animal manure. Pot firmly and water thoroughly, and then plunge in a frame, using leaves or some easily handled material. Cover with glass, and on all warm or sunny days give plenty of ventilation. Here they will remain till you want to bring them into the greenhouse. I have noticed during this operation that there is little or no root action takes place for three months if left in the frame, but they are preparing for it in excellent style, and when you start them going in a night temperature of 40 degrees the roots almost immediately start and keep pace with the tops. The principal object to observe is to start slowly and gradually increase the temperature, which is the natural condition of most deciduous shrubs that have to make a growth before the bud is developed. The lilac is quite different, its flower bud is formed the previous fall and all you do with heat is to force it out. Then you are able to bring it in from the cold and force out the flower in three weeks. With a rose this would be an utter failure. Syringing, of course, is of the greatest benefit to a rose in all its stages of growth, especially when it is breaking its dormant buds.

If you force any Crimson Rambler, and they are grand for the purpose and are now established as a leading Easter plant, they should not be cut down at all as you would the Hybrid Perpetual. If they have canes seven or eight feet long, shorten them to four feet or leave them longer if very strong. Treat them the same as the other hardy roses and allow twelve weeks to bring them into flower. When bringing them into the greenhouse put about four strong stakes into the pot, two feet above the soil, and tie the canes of the Rambler spirally around the stakes. It will help very much to induce an even break of the eyes, so that the bottom of the canes will be as well furnished as the top, and in this shape they make a well filled-up, handsome plant.

There are many Hybrid Perpetual roses that force well, but a great variety for the purpose is not at all desirable. Here are a few of the best: Genl. Jacqueminot, crimson; Baroness Rothschild, light pink; Anna de Diesbach, rose; Clio, blush almost white; Ulrich Brunner, cherry red; Magna



Cactus Dahlia "Fantasy:" Color, Bright Crimson.

[Reproduced from GARDENERS' CHRONICLE.]

Charta, fine pink; Mrs. J. H. Laing, soft pink; Coquette des Alps and Coquette des Blanches, both very free white roses, are good as pot plants, but not for cut flowers, as we have finer white blooms among the teas.

WILLIAM SCOTT.

ROSES ON SIDE BENCHES.

Mr. Dale's reply to inquiry about value of side benches for roses, published in the Oct. 13th issue of the Review, would end the discussion for the present, were it not for the inference that would naturally be drawn from his letter. He states that his roses planted in the spring are now from five to six feet high and would not do on side benches. The inference is that I am unaccustomed to such fine stock, having only small plants that will find enough head room in three and one-half feet of space. Local pride will not permit me to allow this supposition to pass unchallenged. The Philadelphia cut flower market is certainly no less critical than are the best buyers in Canada.

The conditions evidently differ. Here we find the demand in the spring months much better than in those of fall; consequently most of the planting is done in July, with the result that few of us have roses for winter forcing that are now over three and a half feet high. There is practically head room enough for plants as tall as Mr. Dale's on the north side benches of our three-quarter span houses before described, and—D. V.—the plants here will grow as tall this winter; they did so last season. This only leaves one bench to consider; that next the front ventilators. The plants grown here do require sloping, but by careful tying we get straight stems and a most encouraging percentage of ground shoots, the latter due possibly to an abundance of light and air on this table.

It seems to me the question comes down to this: Is not this front bench worth more than a walk? The only conclusive argument lies in figures. Perhaps Mr. Dale will favor us with a comparison based on actual results in both kinds of houses next spring.

JOHN WELSH YOUNG.

CACTUS DAHLIA "FANTASY."

We reproduce from the London Gardeners' Chronicle the accompanying engraving of this dahlia. Referring to it, the Chronicle says:

"At the meeting of the Royal Horticultural Society held on September 6, a very pretty variety with threadlike florets, incurving at the upper end in a confused manner and of a scarlet color, was remarked in a collection of cactus varieties shown by Messrs. J. Cheal & Sons, Lowfield Nurseries, Crawley. It is figured as a distinct novelty."

LONG SLOPE TO THE SOUTH.

In an article by your correspondent on rose-house structure Mr. Baur, after commenting on the "short-span-to-south" and "even span," remarks that many conservative men still adhere to the long slope to the south, and then adds: "While it may be said that a good grower usually produces good stock in about any kind of a greenhouse, he certainly can do better when placed in an up-to-date rose-house where he can depend on getting the full benefit of the sun for twelve months of the year, and this means a regulation three-quarter span house, long slope to the south."

I believe in justice to your readers that this statement needs a little qualifying, and without the slightest wish to differ with Mr. Baur without cause, or for the less excusable reason, merely to have something to say, I shall briefly state that Mr. Baur is in error. If it is true that a good grower can produce good stock in any kind of a greenhouse, their skill and attention in growing is far more important than the shape or aspect of the houses, and it is largely true, but between two men, both blessed with the disposition that contributes untiring attention and equal knowledge, then the man with the best adapted houses must surely win over his less favored competitor.

Does the long slope to the south give us the most sunlight or light for twelve months in the year? I think not. When some one who was not afraid of a change built the first "short-span-to-south" he did it for the object of getting the direct rays of the sun at the time of year when the sun is nearest the horizon and he got what he was after, for with the houses built that way the sun shines in at a right angle to the almost perpendicular slope on the south side.

But there is a drawback to this kind of house: There is a long, flat surface to the north which gives little light, and in a severe winter is too often covered with ice or snow. We hear much talk about rays of the sun, when for weeks of some winters we do not see the sun, and we forget that light comes from the north as well as the south. If plants of any kind were in an old-fashioned lean-to, as graperies and other houses were built years ago with a back wall, would not the plants be all looking towards the south? Have you not all seen them do so? If the roof was continued north as it was on the south, would they not all grow upright with an inclination neither to any point of the compass? This is a fact, as growers of plants of any and every kind can testify, who have equal-span houses running east and west.

The "regulation" long-slope-to-the-south is too flat and at too obtuse an angle to the sun in the shortest days to gain much "direct rays," but when April, May and June come and in the early fall months, it is the hottest

structure you can build. Another disadvantage is that it necessitates building benches against the front and back wall, which is an abomination in every respect and to be earnestly avoided in houses where cut flowers are grown. Then again some of your benches must be raised by an elaborate and expensive method; if not, you have not the slightest pretext to build such a house. I say, and I sincerely invite convincing contradiction, that the equal span is the best house; most simple to build, easiest to ventilate, much the best to heat, and giving the greatest diffusion of light to every plant in the house. The equal span can be 18 or 19 feet wide with two benches, or 22 or 23 with three benches.

WM. SCOTT.

This is the time for chrysanthemums, they are plentiful everywhere and it is a good flower from any point of view. The small country florist who grows his own stock finds it the best of all flowers, for the time being, because it is showy, keeps well, and is easy to arrange. There has been so much written and said about decorations that the very word seems stale, and yet the school of floriculture never closes, and we must give continuous examples.

To the country florist we say that with mums you can do any form of decoration, but there are occasions when experiments are disastrous, and it would often pay you better to lay your flowers loose in a box with some greens and let your customers arrange them themselves. This is not because you are a country florist, for the same rule applies to the best appointed city establishment, but because many people find pleasure in fixing flowers, and then again there are colors which fight with one another and sometimes they will get together you know. Now it seems almost needless to tell you that the woods can furnish you with an abundance of grand decorative material, but we cannot emphasize it too much. There will be lots of time yet for your smilax and asparagus, they shine out best when snow is on the ground; for the present, Autumn foliage comes first. You must not imagine that because this material is plentiful and cheap that it is not appreciated. It is in the arranging that flowers and foliage gain or lose in value, and the best test for artistic ability is to produce a fine effect from poor materials.

But let us get at our orders—we have a table to decorate for breakfast or luncheon, and we must bear in mind that simple forms of arrangements are most suitable for these occasions; that is put your flowers in vases loose and unconventional and you can mix your colors. Just put one or two nice sprays of colored leaves on the vase, but none on the cloth. Decorations for breakfast or luncheon should never look nor be overdone. A loose bunch of tall mums with one or two of your finest flowers bent on the side of the vase is all that is required and if you have any pompons you can put a spray alongside the plates; the lady or gentleman may want to wear one, if so let them fix it themselves.

For afternoon teas sometimes more elaborate forms are called for, and the poor artist must rack his brain over some knick-knack creation to please the ladies. It is safe to suggest, or talk a lot about Japanese art for these affairs, though you must know there is very little in Japanese art suitable for American taste, and if you were to faithfully copy the Japanese, you would be ridiculed. I don't mean to insinuate that the Japs are not thoroughly artistic, but they have a semi-religious way and meaning in fixing flowers that would not be understood here, and your labors would be lost. Still you can Americanize, that is improve these Japanese customs, and they will rather increase in beauty.

Now in most of the homes of the wealthy they have Japanese rooms, and in such rooms these afternoon teas are usually given; therefore you must carefully study the surroundings, the colors, and most of all the vases. You will find that red and blue are the predominant colors in all Japanese decorations. Made-up baskets and stiff designs are all out of place here. You must only put a few of your very finest mums in each vase, and a spray of well colored ampelopsis or delicate vine.

Don't cover up valuable vases and don't fix your flowers to stand up like broomsticks; a graceful bend in them, even if the bend must be artificially made, will enhance the effect. Yellow, white, crimson and bronze colors can be used, and you may or may not bring out the best features by keeping your colors separate, it all depends on the surroundings and the color of the vase, but in all cases your flowers must have long stems, and it is preferable to have a vase or two of pompons and anemones, just to bring out the beauties of the big fellows—and remember one of your very largest flowers for each lady. Ribbons are out of place in a Japanese room just as much as great masses of flowers are, and if it is required to decorate the room with greens be careful to use light vine-like material and avoid formal or set forms.

Of course you will be called up to furnish other forms of decorations for five o'clock teas and when you are it is safe to suggest the use of one color such as all pink, or all yellow chrysanthemums, and try and have your flowers all one shade, if not all one variety, and still use vases, if they are common cover them with Autumn leaves. If you use ribbon on the flower or flowers intended for the guest (and they should never be more than 3 or 4 fine flowers) then use very narrow ribbon, No. 1½ or No. 2, and make a double or star bow of it half way down the stems, the ribbon must either match the flower or the foliage.

We will have more to say about mums in next issue, let us attend to other flowers now. Acalypha Sanderi is shown in many New York windows and attracts considerable attention. What its future will be depends a good deal on how it will be grown; it's a good novelty and whilst it may be extensively used as specimens at Christmas and Easter, it will be limited in adaptability as a cut flower.

Orchids form the main feature in the window decoration of the principal stores. In one we noticed a very handsome suspended mass of Dendrobium phalaenopsis arranged in moss. In another a flat basket fixed like a swing with broad white ribbon, the basket filled with Cattleya labiata. In one prominent window are two life size figures of colored gents grinning at an arrangement of orchids on an old hat. Some New York florists are fond of colored gents and bells and brass.

Orange blossoms are exceedingly scarce, but we must have them. Sometimes you can't get them and jasmine is used as the next best; if that fails you, then get some valley or Bouvardia Humboldti—anything before you disappoint the lovely bride on her wedding day. All your decorations amount

to nothing if the head spray is bungled.

Here's a pretty thing, try it; it is a bride's book spray; many girls are averse to carrying huge bouquets to the altar, and when they condescend to carry them, it is usually upside down. The latest spray is made of three long light sprays of D. phalaenopsis tied together with one frond of A. Farleyense. Twist the stems with No. 2 cattleya ribbon, and tie a cluster bow of same up near the flowers. It makes a beautiful spray and is light for the bride to carry—any long spray of white orchid will do. IVERA.

CHRYSANTHEMUM-RUST.

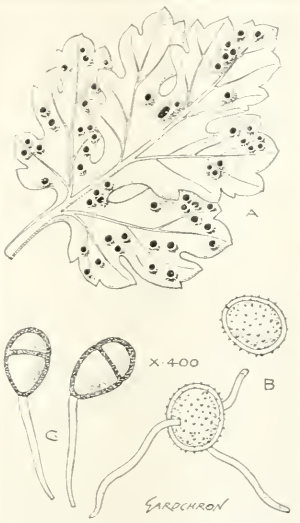
(Puccinia Hieracii, Mart.)

This very destructive parasite belongs to a group of fungi that have a bad record from the farmers' and horticulturists' standpoint. It includes such species as Puccinia malvacearum, the Hollyhock-rust; P. graminis, the rust of wheat; and numerous others, equally injurious to cultivated plants.

All the species are true parasites, and in many instances produce three or four very different-looking forms of fruit, and live on different plants during different seasons of the year. As an illustration may be mentioned the rust of Wheat, which in the spring produces its first form of fruit on the young leaves of the common Barberry; the spores or reproductive bodies of this form are carried by wind, and inoculate the young leaves of Wheat, giving origin to the form of fruit called rust; later in the season a third form of fruit is produced on the Wheat leaves. The third form of fruit rests during the winter, and on the return of spring germinates, the minute spores produced being borne by wind on to the surface of damp leaves of the Barberry, where they germinate and enter the tissues of the leaf, and in about a fortnight's time produce the form of fruit, which in turn again inoculates the young Wheat-plant.

In the Chrysanthemum-rust the life-history of the fungus is somewhat simpler than in the examples described above; it produces only two forms of fruit, and both are developed on the same kind of plant, the Chrysanthemum.

The form of fruit too much in evidence just now on Chrysanthemum-leaves is what is termed the uredo stage, or summer form of fruit. The use of this form of fruit is to enable the fungus to extend its range of distribution as widely and quickly as possible. If a small portion of the powder contained in one of the rust-colored pustules on a leaf is examined under the microscope, it is found to consist of myriads of pale brown, minutely-warted, roundish cells or spores, each of which is capable of germinating the moment it is mature. As is too well known, when the disease has once appeared, its spread is rapid. The spores are produced in rapid succession throughout the summer; as fast as they become ripe they fall away, and are carried by rain, wind, watering, syringing, the clothes of gardeners, &c., from one plant to another—an easy matter where the plants are more or less crowded together. Every spore that happens to alight on the surface of a damp Chrysanthemum-leaf germinates quickly, pierces the tissue of the leaf, and in about a week's time produces a heap of ripe spores, ready in turn to continue the work of extending the disease. The above account is no exaggeration of



Chrysa themum-Rust: Puccinia Hieracii.

A, Leaf affected with "rust."
B, Uredo- or summer-spores, magn. 400 diam.
C, Puccinia spores, or winter spores, magn. 400 diam

what happens, and will, I trust, make clear to every one interested the manner in which the disease spreads. Later in the season, when the cultivator has lost all interest in the diseased plants, the same mycelium of the fungus which during the earlier part of the season has been producing myriads of summer spores, now gives origin to an entirely different form of fruit called "teleutospores," or winter spores. These latter differ in form from the summer spores, in being formed of two cells, and more especially in the fact that the winter spores will not germinate until after a period of rest, remaining in a quiescent state until the following spring, when they germinate and produce minute spores, some of which find their way on to the Chrysanthemum leaves, germinate, enter the tissues of the leaf, and in a short time give origin to the uredo, or summer condition of the fungus.

Soon after the winter spores are developed, the Chrysanthemum leaves die and fall; when all the leaves have fallen, the plant is absolutely free from disease, that is to say, there is no permanent mycelium of the fungus left in the plant, so that if it commenced to grow the next season it would be perfectly free from disease, and would remain so unless inoculated by the bodies produced by the winter spores as described above.

Summary. — The Chrysanthemum-rust disease is entirely the result of plants becoming inoculated by the resting spores produced by the fungus the previous year.

Too much care cannot be exercised in collecting and burning all diseased leaves, and this should be done early in the season before the winter spores are formed on the leaves. From the above account it will be seen how difficult it is to check the disease, if the summer form of the fungus once gains a foothold. A single dead leaf bearing teleutospores lurking in a corner is more than sufficient to secure a crop the following season.

Where the disease has previously existed, it would be wise to spray at intervals during the early part of the season with a solution of potassium sulphide—half an ounce to a gallon of water—as a preventive. This solution destroys germinating spores before they pierce the cuticle and enter the tissues of the leaf.

Finally, it must be remembered that the Chrysanthemum-rust is very common on many of our wild Composite plants, Hawkweeds, Burdocks, &c., and care must be taken that the disease is not introduced by this means.—G. Massee in Gardeners' Chronicle.

DISTILLED WATER.

A subscriber from the Pacific coast sends the following: "As our water contains too much salt (we are near the ocean) we cannot grow any ferns or roses under glass. How would distilled water do? Can any of your subscribers tell anything from their experience? We have an abundance of distilled water."

The question has been referred to me, and my experience with distilled water extends only to having to drink it on board a seventh class ocean steamer, and we remember that unless something is added to it to "take off" the flatness it is not likely that you will drink enough to produce dropsy or any other so-called "tank" diseases.

As the process of distillation eliminates the salt I do not see why the distilled water should not be perfectly relishable to the plants. A better authority should, however, be consulted. It seems strange that greenhouses should be built so close to the shore that the salt water impregnates the soil. In a climate where no freezing of pipes is feared, a well could be dug or drilled half a mile distant from high tide and the water conducted by pipe to the greenhouse location with little expense, particularly if it came by

gravity. This, it seems, would be cheaper than the process of distillation, which must cost something.

WM. SCOTT.

THE FLORISTS' REVIEW

G. L. GRANT, EDITOR AND MANAGER.

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WE ARE OBLIGING.

We aim to be obliging and are willing to do all in our power to assist a contemporary in obtaining the news, and if in future the staff of the American Florist will indicate which of our reports they wish to remodel and use as original, we will warn them against the humorous items that they may be inclined to take seriously.

In our issue of Oct. 13th there appeared in the Buffalo notes some grotesque bowling scores that Mr. Scott had sent us when in a humorous frame of mind, merely to jolly the boys a little. They were purely fictitious and it caused us much sorrow to see these imaginary scores remodeled, printed as original matter, and very seriously commented upon by our esteemed contemporary in its issue of Oct. 15.

Of conrse it is very bright of our contemporary to rewrite for its issue of Saturday the news that appears in the Review on Thursday, and we assnre the editor that we very much appreciate his confidence in our veracity and accuracy, but he should beware of taking humorous items seriously.

EXHIBITION ADVERTISING.

Now is the time to keep the daily papers fully informed regarding the progress of arrangements for your exhibition. In any of the large cities it will pay to employ a professional press agent. If you feel you can't do this, some interested member of your organization should be deputed to look after the matter.

If you issue a revised premium list send a copy to each of your daily papers and a note explaining what changes have been made from the previous one. If your judges have been selected send their names to each of your dailies. If entries are coming in very heavily in any special department make a note to the effect that competition will be especially strong in that department. Just at this time a good stroke is to send a box of fine mums to the managing editor and city editor of each of your dailies with the compliments of the exhibition management.

Get your season press passes ready early and see that each editor and important sub-editor gets one. Presently reporters will be sent you to secure material for special articles on the chrysanthemum and the exhibition. They will have rather vague ideas as to just what they want. They will be apt to be tiresome, but be patient with them. Do your best to supply what they think they want. Try to hunt up material for illustrations. They may use but a small proportion of what they get but every line of write-up you get in this way is not only the best sort of advertising, but is so much clear gain. When a reporter has concluded his interview with you fill out a season press pass and hand it to him. It will have an excellent effect on him while he is writing his story. "But we have already given one to each of the editors, etc., and he can come in on his reporter's star anyway," you may say. True enough. He may not use the pass himself at all. It may be used all during the exhibition by some friend of his, but you can set it down as a fact that this friend would not pay his way in anyway, therefore you have not lost a paid admission, and you have made a warm friend of the reporter who is in a position to do you good.

Then you should have a good lot of single admission press tickets. Send ten or a dozen of these each day to the city editor of each daily. It is true that he gives them away to his friends. This is one of his perquisites. He expects it and you would find it a grievous mistake to disappoint him. Don't try to economize time by sending him the whole lot at once. If you do he will be apt to give them all away at once and then send to you for more. Send him a dozen each day, then if he sends for a few more don't fail to respond favorably.

Next day repeat the performance. It is a good idea to have separate tickets for each day and have them different colors so the doorkeeper can readily distinguish them.

During the exhibition have some well posted man to whom all reporters can be referred. He should devote his full time if necessary to supplying needed information, and he should have at his disposal a supply of chrysanthemum flowers from which he may present a few to the reporter as he leaves the building.

Your press agent should invite a visit from the representatives of the press the evening before the exhibition opens. The decorations will be partly in place and probably many of the plants. What has not yet arrived should be described. A good notice in the papers the morning of the day the exhibition opens is very important to you. If the press representatives are properly treated they will share your enthusiasm and do the best they can for you in their reports.

CHRYSANTHEMUM SOCIETY OF AMERICA.

The committee judging new seedlings will be in session October 8, 15, 22, 29, November 5, 12, 19 and 26. Exhibitors should make their entries for which a fee of $2 is charged for each variety entered, to the secretary not later than the Tuesday of the week the blooms are to be shown. Express charges prepaid and forwarded to any of the following addresses will receive careful consideration:

Boston, Mass., A. H. Fewkes, Horticultural Hall.

New York, N. Y., E. Dailledouze, care New York Cut Flower Co., 119 W. Twenty-third street.

Philadelphia, Pa., A. B. Cartiedge, 1514 Chestnnt street.

Cincinnati, O., R. Witterstaetter, care Cincinnati Cut Flower Co., cor. Fourth and Walnut streets.

Chicago, Ill., C. W. Johnson, care Illinois Cut Flower Co., 51 Wabash avenue.

There were two seedlings submitted to the committees Oct. 15th, which scored as follows:

Philadelphia, Pa., Wm. Paul Binder, Rider, Md., exhibited Willowbrook. Japanese. White, slightly tinged lemon, scored commercial scale 85; exhibition scale, 81 points.

Cincinnati, O., Nathan Smith & Son, Adrian, Mich., exhibited Kuno. Japanese. White, scored commercial scale 87 points.

New York, N. Y., Oct. 22.—Wm. Paul Binder, Rider, Md., exhibited Harry A. Parr. Jap. Yellow, scored commercial scale 78 points. David Rose, Jersey City, N. J., exhibited Dolly Rose. Jap. Reflexed. White sport of Glory of the Pacific. Scored commercial scale 87, exhibition scale 81 points.

Philadelphia, Oct. 22.—Wm. Paul Binder, Rider, Md., exhibited Harry A. Parr. Jap. Delicate yellow. Scored commercial scale 92, exhibition scale 90 points. Same grower exhibited Lady Harriett. Inc. Jap Pink, scored commercial scale 86, exhibition scale 86 points. John N. May, Summit, N. J., exhibited October Sunshine. Reflexed Jap. Clear yellow, scored commercial scale 93, exhibition scale 94 points. Ed. A. Seidewitz, Annapolis, Md., exhibited Adelia. Inc. Jap. Delicate pink, scored commercial scale 93, exhibition scale 94 points.

Chicago, Ill., Oct. 22.—Wm. Paul Binder, Rider, Md., exhibited Harry A. Parr. Jap. Yellow, scored commercial scale 79 points. Nathan Smith & Son, Adrian, Mich., exhibited 12-10-97. Jap. Inc. White, scored commercial scale 83 points.

ELMER D. SMITH, Sec'y.

CHRYSANTHEMUM SHOWS.

Nov. 1-2—MORRISTOWN, N. J.—Morris County Gardeners' and Florists' Society, C. H. Atkins, Secretary, Madison, N. J.

Nov. 2-4—POUGHKEEPSIE, N. Y.—Dutchess County Horticultural Society, Arthur A. Longhren, Secretary.

Nov. 3-5—NEW BEDFORD, MASS.—Gardeners' and Florists' Club, Peter Murray, Secretary.

Nov. 8-9—WORCESTER, MASS.—Worcester County Horticultural Society, A. A. Hixon, Secretary, 18 Front Street.

Nov. 8-10—HARTFORD, CONN.—Connecticut Horticultural Society, C. M. Rodgers, Secretary, Beacon Street, Hartford.

Nov. 8-10—MONTREAL, QUE.—Gardeners' and Florists' Club, F. Bennett, Secretary.

Nov. 8-11—BOSTON.—Massachusetts Horticultural Society, Robert Manning, Secretary, Horticultural Hall, Tremont Street.

Nov. 8-12—INDIANAPOLIS.—State Florists' Association of Indiana, R. A. McKeand, Secretary, Garfield Park, Indianapolis.

Nov. 8-12—PHILADELPHIA, PA.—Pennsylvania Horticultural Society, David Rust, Secretary, Horticultural Hall, Broad Street.

Nov. 8-12—CHICAGO.—Horticultural Society of Chicago, W. N. Rudd, Assistant Secretary, Room 202, 185 Dearborn Street.

Nov. 8-12—ST. LOUIS.—St. Louis Florists' Club, Emil Schray, Secretary, 4101 Pennsylvania Avenue.

Nov. 9-11—PROVIDENCE, R. I.—Rhode Island Horticultural Society, C. W. Smith, Secretary, 61 Westminster Street, Room 23.

Nov. 9-11—BUFFALO, N. Y.—Buffalo Florists' Club, Wm. Legg, Secretary, 1140 Delaware Avenue.

Nov. 9-12—TORONTO.—Toronto Gardeners' and Florists' Association, E. H. Carter, Secretary, Riverside Park, Toronto.

Nov. 10-12—WACO, TEXAS.—Texas State Floral Society, Mrs. Louis Crow, Secretary, Waco, Texas.

Nov. 10-12—MILLBROOK, N. Y.—Millbrook Horticultural Society, Memorial Hall. J. O. Pingry, Secretary.

Nov. 10-12—MOUNT KISCO, N. Y.—Bedford Flower Club, H. A. Spavins, Mgr.

Nov. 11-12—PORTCHESTER, N. Y.—Westchester Gardeners' Association, Opera House. A. Grierson, Rye, Secretary.

Nov. 15-16—ELMIRA, N. Y.—Elmira Horticultural Society, K. R. Stockdale, Secretary.

Nov. 15-17—NEWPORT, R. I.—Newport Horticultural Society, J. J. Butler, Box 213, Secretary.

Nov. 15-17—SYRACUSE, N. Y.—Central New York Horticultural Society, D. Campbell, Secretary.

Nov. 16-18—BROCKTON, MASS.—Florists' and Gardeners' Club, Walter E. Baker, Secretary.

NEW YORK.

The Market.

The market is daily growing duller and the bottom is a long way off. Prices are battered so badly that they are beyond recognition. Mr. Weir, of Brooklyn, is the most popular man on the market at present, because he buys thousands upon thousands of roses at $3.50 per thousand, and they must be good or he won't take them at that. When roses are down, nearly every other flower follows, and still it's no use kicking, for it will be worse if the warm weather continues, and the supply of mums is heavier. Perhaps there was never so much mildew seen on New York flowers as there is at present, and really much of the stock seen is only fit for set design work. Then again, considering the vast supply, prices are just as high as they were ten or twelve years ago at this season of the year, and it is pretty safe to say they will never be higher.

As stated in our last notes, there is too much "follow my leader" among the growers, and everybody is growing the same few varieties of flowers. There is lots of room away from the beaten track, and lots of fine flowers we never see here. Wedding decorations so far this season have been poor affairs indeed. Columns on columns in the daily papers are filled with descriptions of the bride's dresses and all the lovely decorations by so and so, but every florist here knows such is all humbug. Suppose one does get a church or house decoration, well, here it is: Roses, $3.50 per 1,000; large mums, $4.00 per 100; smilax, $8.00 or $10 per 100, and look what you can do for $15.50. You can make a metropolitan editor declare it, in scarehead type, the finest decoration ever seen in New York. Mrs. So-and-So gives a reception or tea, and for it orders a $2.00 box of flowers. The society editors give her elaborate decorations a magnificent description, and what are you going to do about it? Well, just get rid of your mildew and pray for cold, very cold weather.

Violets so far are very poor, and give evidence of the prevalence of disease. The best mum seen on the market so far is Mrs. H. Robinson; they are very fine. Dahlias and other outdoor flowers are abundant and help to make matters worse instead of prettier.

Bowling.

It's a good job the Bowling Club is started, for it helps to distract men's minds from business cares. They were a good jolly crowd that met at the alleys on Monday night last, and between good stories and loud cheers there was very little room for anything but laughter. The New York Florists' Bowling Club has been already productive of good, for it has brought together faces seldom seen at the Florists' Club meetings. About the scores, well, they were all right for beginners and strange alleys. The club will be heard from in due time. Messrs. Burns, Weathered, Lang and Leuly were appointed a committee on by-laws and instructed to report at the next meeting of the Florists' Club.

News Notes.

American Gardening commences another chapter in its eventful career. It was sold by the A. T. De La Mare Printing & Pub. Co., Monday, Oct. 24. It will be published by J. W. Withers, at 135 Liberty street, New York city. Leonard Barron continues as editor.

There were two exhibits in seedling chrysanthemums before the committee on Oct. 22; Polly Rose, a white sport of Glory of the Pacific, exhibited by A. D. Rose, Jersey City, N. J., and Harry A. Parr, a pale yellow flower sent by Paul Bender, Rider, Md.

H. W. C. Dihm, superintendent of the Siebrecht Nurseries, Trinidad, West Indies, is visiting New York.

The New York Gardeners' Society will hold a free chrysanthemum show in their rooms, 64 Madison avenue, on the afternoon and evening of Saturday, Nov. 19. There will be some twenty classes in which prizes will be offered, and competition will be confined to private gardeners. The trade will be invited to show whatever novelties they may have. This promises to be a fine little show, as it will be after all the local exhibitions are over.

D.

BOSTON.

Review of the Market.

This week has surely been a Chrysanthemum week for as is usual at this time of the year, all kinds of stock have been dull, with a full supply of everything and a limited demand.

The downfall of the rose market has been especially noticeable, with perhaps the exception of one or two varieties, and $4 and $5 has been the average for Brides and Maids, with quality improving all the time. Kaiserines are not so much in evidence as they were, these sell now with the Brides, although a few choice ones will bring $1 per dozen. Carnot is still a leader and the demand and supply are about equal. Lawrence Cotter of Dorchester is cutting some fine blooms, stems about 18 inches in length, price averaging $10 per hundred. Beauties still hold their own, $2.50 per dozen being the limit. Meteors plenty, but not in demand; $6 per hundred is the asking price.

Contrary to the usual anticipation at this season carnations seem to hold their own, and stocks are pretty well cleaned up every morning. Common varieties, such as Fisher and Scott, sell at from $1 to $2 per hundred, with extra quality bringing as high as $3. Fancy blooms, mostly Flora Hill and Bradts, bring $4 per hundred.

Violets still run small, the weather is not to their liking; 50 cents to 75 cents per hundred is the selling price.

Chrysanthemums have been very plenty, and sell very low, especially Mad Bergmann, price ranging from 35 cents to $1 per dozen. Colored varieties are not so plenty, ranging from 50 cents to $1.50 per dozen. Valley the same as last week. The market is full of cosmos, with small sales. Odds and ends rather scarce.

News Items.

Peter Fisher has begun to bring in his famous carnation Mrs. Thos. W. Lawson. Galvin controls the sale of them and is advertising them as an especial feature for this season's use.

Messrs. E. M. Wood & Co., Natick, Mass., give their annual trade exhibi-

tion of chrysanthemums on Thursday, Nov. 3. All of the prominent growers and dealers have been invited.

The annual chrysanthemum show of the Massachusetts Horticultural Society will be held on Nov. 8 to 11 inclusive.

N. F. McCarthy & Co. are now displaying a fine lot of florists' baskets, having received a consignment of 100,000 from Europe during the past week.

Henry Penn, an employe of J. W. Cohen, has branched out for himself at a new store on Chapman Place.

P.

PHILADELPHIA.

It is said of an extremely careful man that he never mailed a letter without carefully examining the address before dropping it in the box. This example might, with advantage, be followed by others.

Business in cut flowers during the past two weeks has left much to be desired from a producer's and from a wholesaler's point of view. The demand was hardly as brisk as the last week in September, with the supply probably more than doubled. Prices then realized have proved the top notch so far, and there are very many sales made at lower rates.

Carnations which were then rather scarce at $1.00 a 100 for good ordinary stock, now fluctuate from $1.00 down as low as 50 cents, with the street men getting all they want at 25 to 40 cents a 100 and even lower.

Beauties are in fair demand. Extras bring $1.50 and occasionally $2 in this market. A good many medium stemmed flowers are sold at 75 cents and $1.00 a dozen. Kaiserins are excellent and bring $4.00. Maids are ideal in color and improving in size. They easily brought $3.00 week before last, but last week went begging at $2.00. Brides are harder to sell than Maids, having to divide business with Kaiserin, and as a consequence bring a little less than Maids. The best Meteors bring $3.00, but the cheapness of Beauty limits the demand for them. The excess of tea roses go to the street at or near 60 cents a 100.

Chrysanths are coming in freely. George E. Campbell's house of Fitzwygram is cut out. This variety was followed by white and yellow Monarch. Jacob Becker brought in some fine Montmort and Morel on the 12th; they brought $2.00 a dozen. Robert Scott & Son sent in a few good Whilldins, followed last week by Mrs. Henry Robinson. Mrs. Anthony and her twin sister, Glory of the Pacific, have made their appearance, followed toward the end of the week by a host of first blooms of other sorts, white and pink being too plentiful and yellow and possibly darker shades being wanted, as is generally the case early in the season. Pot grown plants of chrysanths are now appearing. Charles Meckey has an especially well grown lot coming in bloom.

Germantown Hort. Society.

The October meeting of the Germantown Horticultural Society was very lively. The meetings are not always productive of great results, horticulturally speaking. Our ways are too simple to attract the great moguls, but the society is doing good work nevertheless. Most interesting are the discussions after adjournment. On one side of the room the secretary is explaining to a group of members the ravages on outdoor roses committed by a new borer supposed to have been imported from France; while in another part an enthusiastic amateur is showing a choice specimen from his garden to some lovely ladies who are contentedly munching prize-winning grapes.

I must confess that while listening to one of these informal chats, the exhibits were whisked off before being noted. There were some good ferns, a specimen Adiantum Farleyense from Frank Smith, being some thirty inches in diameter, two good collections of vegetables and on the president's desk a Cattleya labiata showing evidence of good culture. This was borne off under the arms of Albert Woltemate, so it must be his.

Penn. Hort. Society.

The Pennsylvania Society's October meeting brought out some good dahlias, a grand collection of cosmos—this is a wonderful cosmos and chestnut year—and blooms from Mr. Clinkaberry's famous Cattleya labiata alba.

The chrysanthemum cup contest proved a failure; there was no contest. The judges were pleased with George E. Campbell's entry, consisting of six blooms each of Merry Monarch, Yellow Monarch, George S. Kalb, Harry A. Parr, Mrs. J. T. Anthony and Lady Fitzwygram, and recommended that the cup be awarded him.

Everybody is hoping that this Jubilee week will put a little life into business.

J. W. Y.

CHICAGO.

Club Meeting.

At the club meeting last Friday evening the annual election of officers took place and resulted in the selection of the following: Edgar Sanders, Pres.; C. W. Johnson, vice-pres.; C. W. McKellar, Rec. Sec'y.; John Degnan, Fin. Sec'y.; W. W. Barnard, Treas. Executive Committee: John Zech, Jos. Reeve, Chas. Held, W. L. Palinsky, John Reardon. This is a strong staff and should insure the continued prosperity of the club.

The Executive Committee was instructed to arrange for the annual banquet, to take place during the time of the coming chrysanthemum show.

A vote of thanks was passed to the retiring officers, and the sum of $50 was appropriated to be offered in special premiums at the coming exhibition.

Mr. Jos. Reeve brought to the meeting a plant of chrysanthemum Midge in a 6-inch pot and bearing 14 fine blooms. It was a beautiful specimen, of perfect form (without stakes) and finely foliaged.

At the next meeting, to be held Nov. 4, the new officers will be installed and there will be a discussion of the question: "Are our flower shows a benefit to the trade?" The discussion to be opened by Mr. J. T. Anthony.

The Market.

Prices and market conditions remain much the same as last week. There is an excellent demand for good stock and almost no call for inferior grades. The supply of chrysanthemums is increasing daily, but on the average the sales hardly equal those of the same period last year. Some really high grade carnations are now being received, though there is still quite a quantity of low grades. Roses are generally improving in quality, though some show the effects of the dark, damp weather. Beauties are a little scarcer.

Some of the commission men say they could do better for their growers if they divided their shipments better. They are apt to ship a short supply for Monday and Friday and too much for Tuesday and Saturday. Monday and Tuesday are both good selling days, while Tuesday and Saturday are apt to be the reverse. It will evidently be money in any grower's pocket to arrange his shipments so as large a share of his stock as possible reach the market the mornings of Monday and Friday. Last Monday one commission house received only 4 shipments of carnations and could not fill their orders. On Tuesday they received 17 shipments and had a surplus. Much better returns could have been made had the quantities been reversed or more equally divided.

Various Items.

R. H. Hardy is a new florist at 153 Wabash Ave. Tom Rogers is manager.

J. Austin Shaw returned to Omaha last Tuesday.

Probably the largest sign ever put up to advertise a chrysanthemum show now appears on the Wabash avenue front of the building in which the coming show will be held. It is 100 feet long and 11½ feet wide, and the words "Chrysanthemum Show" appear in letters about 6 feet tall.

Vaughan, McKellar & Winterson sent out to their customers 6,000 azalea plants during the last few days. The plants arrived in superb condition and were as fine a lot as one could wish to see.

Mr. O. P. Bassett left last Tuesday for a two weeks' stay at West Baden, Ind.

Poehlmann Bros. received their first paper white narcissus for the season last Tuesday. They are cutting a fine

lot of chrysanthemums. Their Mrs. H. Robinson are particularly fine.

Some very fine long stemmed Ivory mums were noted at Bassett & Washburn's.

J. A. Budlong is quite strongly into mums this year and is cutting some excellent blooms.

Archie Spencer, of Reinberg Bros., finds supply and demand just about equal and hasn't even the ghost of a kick coming.

E. C. Amling is receiving some extra high grade carnations and finds quick sale for them.

E. H. Hunt is also showing something fine in the way of fancy carnations.

Kennicott Bros. Co. are receiving some large consignments and are doing a heavy shipping trade.

Mr. Julius Kraft, of Kraft Plant Tonic Co., Rockford, Ill., was in the city Tuesday.

Messrs A. Herrington, Madison, N. J.; John F. Cowell, Buffalo, N. Y., and Emil Buettner, Park Ridge, Ill., have been invited to act as judges at the coming exhibition. It is hoped all will accept.

At the coming exhibition Bassett & Washburn will offer a special prize of $25.00 for the best basket of roses, regardless of size. The only conditions are that there shall be at least three competitors and that the basket shall be worthy of a premium. Their idea is to encourage competition in arrangement of flowers among the retail florists.

C. W. Marks, the boot and shoe man, will offer a special premium of $25.00 for the best six varieties of carnations, twelve blooms of each, to be grown by the exhibitor. Mr. Marks is the owner of the horse Joe Patchen, and loves specimen carnations as well as horses.

Bowling.

Last Friday evening the Chicago Florists' Bowling Club elected permanent officers as follows: P. J. Hauswirth, Pres.; C. W. McKellar, Vice-Pres.; John Degnan, Sec'y and Treas. The selection of a Captain and official scorer was deferred for action later.

After the meeting two games were played and the scores and averages appear below:

	1st.	2nd.	Av.
W. Kreitling	181	143	162
P. J. Hauswirth	129	177	153
G. L. Grant	130	160	145
Jno. Degnan	124	127	125
C. W. McKellar	98	145	121
A. Lange	90	148	119
J. C. Vaughan	97	120	108
E. Enders	96	...	96
A. Henderson	73	108	90
S. Snedeker	83	75	79

BUFFALO.

About Town.

It is many years since we can remember seeing fine clumps of yellow and pink dahlias in the gardens and at their best almost the last week of October. The cool and wet time without frost has just suited their cool blood. Chrysanthemums are with us in abundance and the demand and price about the same as it has been for several years past. The very earliest always move at a paying price. I hope the same will continue throughout the whole season. Roses are fine in quality and carnations improving daily. Now and again is seen a bunch of white and pink bouvardia reminding one of the trade as it was in the "Middle Ages."

There have been numerous weddings, all calling for more or less flowers and decorations, none of them were of great magnitude. A very large store decoration was done this week on a most elaborate scale by Joseph H. Rebstock. As the grand store has a front of 200 feet on Lafayette Square, the effects of the decoration are very fine.

Among the Growers.

We were laboring hard last week in the "Sleepy Hollow" or rather ridge of Corfu. We found the several firms all filled up and looking promising. Mrs. Tyrell's carnations and violets never looked better. Mr. T. A. Webb has some mums coming on and is always able to grow that grand variety, Golden Wedding, without rust, which in so many places is its ruin. His four large houses devoted to carnations are filled with Scott, Daybreak, White Daybreak, a sport originating on the place, and his promising scarlet, Dorothy Sweet.

Mr. Harry Edward's houses are all carnations and so is Mr. Farnham's. The hard working widow Giddings has her four large houses filled with carnations and remarkably healthy and vigorous they look; two smaller houses are devoted to violets. She does wonders, with the help of her young man Phelps, and a fireman, to produce what she does. Mrs. G. ships mostly to Kasting, but has always a good supply on hand for her son, Edward Giddings, the leading florist of that busy little city of Gloversville, N. Y.

At the Montrose Greenhouses, Alexander Scott, manager, you can see a long house of mums which if nothing happens he expects to be "corkers." Two houses of violets are receiving almost as much care as his baby girls and he is properly proud of the health and condition of his carnation houses. He says Flora Hill and Evelina are both grand, and Genesse that came quite small at first is coming now with a rush and promises to rival its last year's grand performance. Among reds, Red Jacket is doing fine, and it's a great pleasure to pick the massive Bradt and long stemmed Victor. Aleck does not talk bowling or think it or play it or any other frivolity, so he is able to devote much of his thoughts and energies to his charge.

The conservatories at South Park are going up now in earnest and a most imposing pile they are. Much to Mr. Cowell's relief half a dozen of the smaller compartments will be ready for occupancy in a very few weeks. When this really grand range is complete I shall take pleasure in sending you a view of it and description of its arrangement. Our Park board has taken a severe turn for economy of late and refused an appropriation for two more propagating houses at the North Park, which are now badly needed to prepare for the immense quantity of bedding plants now used. I visited them a few days ago and never remember seeing them in better order, full to overflowing, but in excellent condition, most creditable to the busy superintendent, Capt. Braik, and his gardener, John Cameron.

Notes.

A sad accident occurred on Thursday which makes a sad home in the family of one of our florists, Mr. Berner, of the firm of Schwert & Berner, of Cheektonaga. The speedy "Black Diamond," of the Lehigh Valley Road, in its flight to New York and Philadelphia, ran into a little crowd of boys going home to their noon day lunch from school and killed three little fellows. Mr. Berner's son was one. He has all our deepest sympathy.

Charles Porter, for several years Mr. S. A. Anderson's chief clerk and manager, has bought out the store of Henry Millatt. Mr. M. has departed for Pleasant Hill, Mo., where with Mr. Kellogg, we think, there will be good scope to display his ability.

Mr. E. B. Sage, of Red Rock, Pa., was in town today. W. S.

ST. LOUIS.

The Market.

The heavy receipt of roses coming to this market last week has decreased somewhat. The week just past found demand good for all kinds of stock. Three large conventions held here used up nearly all the stock received, but no increased price was asked by the commission men.

The weather was all but pleasant the latter part of the week, rain and snow, and quite cold which hurt transient trade a great deal, still some of our florists claim that business was good. Four large, fashionable weddings helped the West End trade, and the conventions did the same for the down town florists.

Chrysanthemum blooms are beginning to come in more freely. A week ago a great many of our growers feared their exhibition crop would not be in shape for the show, but with cold, clear weather, promised by our weather clerk for this week, there should be no fear in this respect. The best blooms bring $3 per dozen, average price, $1.50. Southern grown stock is coming in slowly, and in bad shape.

The demand for Beauties is good, first class stock bringing $2 and $2.50 per dozen, others, according to stems, from $1 to $1.50. Smaller roses, such as Bride, Maid, Meteor, Kaiserin, and

Carnots, are sold at from $3 to $4 per 100; Perles and Woottons, $2; seconds in all above varieties $1 and $1.50 per 100, some even cheaper in 1,000 lots. I think by next week roses will begin to feel the effects of the increasing supply of chrysanthemums.

Carnations are looking better this week. Supply was a little short last week, white having the call. Very best fancy stock brought $2, and for average grade, price is still $1 per 100. This market is scarce on good reds. Cosmos is scarce, and seems about over. The demand for violets is improving each day, the small single have the call at 25 cents per 100. California are yet small and pale; price, 40 cents. Valley is also scarce, good stock always bring $4 in this market.

Smilax is looking much better this week; firm and still $12.50 for the best.

Notes.

The final premium list (Program), the finest ever gotten out, for the 8th annual show has been issued and will be in the hands of the growers by the time this issue of The Review is with our readers. Copies will be sent on application to those who may have been overlooked. Address J. J. Beneke, manager, 1222 Olive street, this city.

Willie Jordan was very busy last week looking after the Firemen's Convention. A large lot of plants and cut flowers were used.

Wm. Trillow, who has taken charge of the St. Clair Floral Co.'s plant and also Mr. Wm. Hucke's place at Belleville, is sending to this market some very fine carnations and roses.

We have added one more to our sick list. This time it's Mr. C. C. Sanders, the genial correspondent of the Florists' Exchange. Mr. S. has a very badly sprained foot. Mr. Kunz is somewhat better this week, and the Beyer Bros are up and about the house.

C. A. Kuehn has added considerably to his stock of supplies and cut flowers. With the carpenters and painters out of the way the place presents a very attractive appearance. Mr. Kuehn is making good his word to supply the demand of the trade.

The St. Louis Cut Flower Co., who handle exclusively cut flowers, have added plants to their line, and the new President, H. G. Berning, assisted by Frank Ellis, is making great efforts to supply the trade.

There is a rumor going the rounds that John M. Hudson and Fred. Foster are going to form a partnership and open a wholesale house November 1st.

Walter Mott, representing H. A. Dreer, was a visitor last week. Walter reports trade good in his line.

Ernest Tesson, brother of R. F. Tesson, has returned from Porto Rico with Battery A. Ernest will resume his place with Ellison & Tesson, November 1st.

Among the Growers.

A visit to Frank Fillmore's place Sunday afternoon found Mr. Fillmore taking things easy in his office, reading The Review. No introduction was necessary as we have known one another for nearly 30 years. After a talk on show matters we were shown through the houses. The roses at this place are looking at their best. Frank grows only what he calls the big 4; Brides, Maids, Perles and Woottons. Carnations are also in fine shape. Of this flower he grows five varieties, and as Frank puts it "here is Wm. Scott, Daybreak, Flora Hill and Evelina, and all surrounded by Alaska as we grow them cold."

In the big Mum houses we found them like all the rest, in first class shape, but the same story—everything is late. The different varieties grown are: Merza, Frank Hardy, G. Pitcher, Pink and White Ivory, Lager, Robinson, G. W. Childs, Modesto, Zulinda and Yanoma. All are well grown and clean and Frank as usual expects to have a large display at the show.

At Mr. Schray's place Chrysanthemum plants are also in excellent shape, but the same old cry, everything late, some buds hardly showing color. In one house we found Major Bonnaffon, which is considered late, far more advanced than some of the early varieties which Mr. Schray could not explain. In looking over the different varieties we found Murdock, Mrs. Perrin, Modesto, Frank Hardy, G. Pitcher, White and Pink Ivory, Childs, Lager, Robinson, Golden Wedding, Kate Brown, Bergman, Mrs. Hill and a great many others too numerous to mention.

Decorative stuff, specimen palms, house blooming plants, carnations and geranium plants are all in tip top shape for the show. Indications are that specimen blooms at this place are going to be fine. The carnation and rose houses look as though they will have a large crop from this winter. After a long talk about the show we left well repaid for our visits.

Bowling.

The Bowling Club rolled five games on Monday night, only six members showing up. Our sick members are still unable to attend, but all expect to take part in the November series to begin the first Monday in November. Following are the scores of Monday night:

						Tot.	Av.
J. J. Beneke	129	151	133	169	157	739	148
D. Finlason	150	123	147	173	141	734	146
C. A. Kuehn	140	129	170	142	145	726	145
F. J. Fillmore	151	133	139	133	115	672	134
E. Schray	118	154	126	126	144	668	133
R. F. Tesson	80	102	173	...	...	355	119

J. J. B.

MOUNT KISCO, N. Y.

The Bedford Flower Club will hold its fourth annual floral exhibition under the management of the Westchester County Horticultural Society, in the opera house, Mount Kisco, Nov. 10, 11 and 12. Several valuable silver cups are among the prizes offered. Mr. Howard, of Bailey, offers a special prize, value $75.00, for best 25 cut chrysanthemums, not less than eight varieties. This will surely stir the boys and bring out a grand lot of exhibits. Make a note of it. The Mt. Kisco show is always one of the best, and Herbert A. Spavins, of the above place, will send you schedules, etc., all the information you may require.

D.

EVANSVILLE, IND.

A chrysanthemum and flower show and carnival of music will be held here, Nov. 8 to 12. Jacob Schulz, of Louisville, has been selected to act as judge.

WANT ADVERTISEMENTS.

FOR SALE—3,000 feet of glass; no opposition. Write for particulars. R. S., care Florists' Review.

SITUATION WANTED By young man, age 27, as assistant; have had several years experience in general greenhouse work; sober and reliable; references. Address B., care Florists' Review.

FOR SALE—Two greenhouses, 1,000 feet of glass; heated with a new Giblin hot water heater; greenhouses stocked with roses, carnations, etc.; good trade; six-room residence, two lots. $900 takes it all. H. Welfare, Corunoa, Mich.

FOR SALE—A splendid opportunity to purchase a well established business of 10,000 sq. ft. of glass, well stocked and in good condition; in center of city of 18,000 population; must be sold soon and will not rent; will sell at a sacrifice. Address Business, care Florists' Review.

SITUATION WANTED—By a lady florist, in a flower store. Eight years' experience in selling flowers and making up of designs. Very best of recommendations. Address Vita, care Florists' Review.

SITUATION WANTED—By a young man with seven years' experience growing roses, violets and carnations for Chicago market. Best of reference. Address Albert Stitz, care of Klehm's Nurseries, Arlington Heights, Ill.

SITUATION WANTED—By an allround grower of general stock for retail trade; 28 years of age; married; steady, sober and willing to work for employer's interests; 10 years in last place; 5 years as working foreman. Best of references. Address, Florist, 610 Breck Court, Scranton, Pa.

SITUATION WANTED—In or near Chicago, by a middle-aged Danish gardener (single) in greenhouse or nursery. Address D., care Florists' Review.

SITUATION WANTED—As foreman, by a first class grower of roses and cut flowers; only a first class place wanted; good wages expected; best of references; open for an engagement now or any time later. Address Grower, care of Florists' Review.

SITUATION WANTED—By competent man with 22 years' experience, position as foreman in good establishment. Address Alex, care of Florists' Review.

FOR SALE—Four greenhouses, nearly new. Good retail stand. A. CLAUS, Springfield, Ill.

FOR RENT OR SALE—First class retail stand. 5,000 feet of glass. New. In city. Ought to net good man at least $3,000 per day. Must buy stock, about $500.00. Reason for selling, failing health. Address "Illinois," care Florists' Review.

SITUATION WANTED—By expert grower of plants and cut flowers. Competent in every department. Seeks a situation where he may have a chance to make his services worth more than in his present place. Can surely advance his employer's interests if given suitable opportunity. Address S. D., care Florists' Review, Chicago.

FOR SALE. A well established and paying FLORIST BUSINESS, with ten to thirty acres. 17,000 square feet of glass. Good residence and houses for help; everything in first class condition. Abundance of water. Situated near one of the largest cities in California. Ill health and a desire to retire from business cause for selling.

For full particulars and price, address

Lock Box 720, - LOS ANGELES, CAL.

CHICAGO, Oct. 27, 1898.

ROSES

Beauties, long	per doz.	$2.50—$3.00
" medium	"	1.50— 2.00
" short	"	.75— 1.00
Brides, Maids	per 100.	2.00— 4.00
Perles	"	2.00— 3.00
Meteor and Kaiserin	"	2.00— 4.00
Roses, 2nds average about.	"	2.00

CARNATIONS

All the leading standard sorts—highest grade, per 100		$1.50— $2.00
Triumph, Painted Lady, Albertini, Jubilee, Armazindy, Keller and others	per 100,	2.00— 3.00

Prices quoted are for good prime stock. Extra Select, and inferior quality charged for according to value.

MISCELLANEOUS

Alyssum	per 100,	$ .25
Chrysanthemums	"	4.00—25.00
Marguerites	"	.50
Valley, good home grown.	"	5.00
Violets, double	"	.75— 1.00
" single	"	.60— .75

DECORATIVE

Asparagus	per string,	$ .50
Ferns, common	per 100,	.15
" "	per 1000, $1.25	
" Maiden Hair, Ex. Fancy	"	1.00
" " " ordinary	"	.60— .75
Galax, green, new crop	"	.15
" " "	per 1000,	1.00
Leucothoe Sprays, per 100, 60c;	"	5.00
Smilax, good	per doz.	$1.20 to 1.50
" Wild, parlor brand, case.	"	3.75
" Medium, case	"	5.50
" Large, "	"	8.00

As it is yet too early to carry Wild Smilax in stock four days' notice is necessary.

Carnations
OUR SPECIALTY

Quotations Subject to Change Without Notice.

Write for prices on large quantities for special occasions.

Regardless of prices quoted we always bill out at lowest market rates.

P. & D.—AT COST.

☞ **Use the code. It will save you money. We know what it means. Get your orders in as early in the day as possible.**

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WHOLESALE
CUT FLOWERS

3 SURE THINGS 3

DEATH, TAXES,

GOOD FLOWERS, WHEN YOU ORDER FROM

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W. S. HEFFRON, Mgr. 51 Wabash Ave., CHICAGO.

Store open from 7:00 A. M. until 6:30 P. M.
Sundays and Holidays, closed at noon.

ELMIRA, N. Y.

The chrysanthemum exhibition of the Elmira Horticultural Society will be held Nov. 15th and 16th, instead of the 1st and 2d, as at first intended. The change is made on account of the lateness of the blooming season. The society presents the following list of prizes, competition open to all:

1. Eclipse Bicycle Co.'s '98 wheel, for best new chrysanthemum, seedling or sport.
2. Fassett prize, for best collection, 12 varieties.
3. Fassett prize, for best collection, 6 varieties.
4. Slee prize, for best collection, 6 pink blooms.
5. Slee prize, for best collection, 6 yellow blooms.
6. Stancliff prize, for best collection, 6 white blooms.
7. Stancliff prize, for best collection, 6 bronze blooms.
8. Stanchfield prize, for best vase cut blooms.
9. Hoffman prize, for best single bloom of a '97 variety.

The secretary is R. R. Stockdale and he will be busy looking after the welfare of the exhibitors.

PHILADELPHIA.

Julius Kraft, of the Kraft Plant Tonic Co., will be in Philadelphia early in November and will make his headquarters at H. A. Dreer's.

The Right Cypress for Greenhouse Material.

Have you heard of Cypress Greenhouse Material that has not been satisfactory? If you have it does not follow that Cypress is not the best lumber to use. There is White Cypress, Yellow Cypress and Red Cypress; there is Cypress that grows on the high lands and Cypress that grows in the swamps.

All of these different kinds are not suitable for greenhouse purposes. Do you know which kind is best and do you know that kind when you see it? If not you would better buy from those that do know and will deliver exactly what they sell. We introduced Cypress for greenhouse construction and pushed it to the front. We know all about it. For fifteen years we have made a specialty of furnishing it, and during this time we have built up a reputation that we can not afford to jeopardize. We send out the best only.

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TELEGRAPH CODE.

In telegraphing orders to any of the wholesale dealers in cut flowers use the following code:

Assume—Do not answer if cannot fill order.
Abrogate—In case you cannot fill order, telegraph at once.
Anticipate—Answer at once, stating whether you can or cannot fill order.
Audition—If you can only partially fill order, do so, and reply, stating what.
Admiral—Order must be sent on train mentioned only.
Ambulance—Want all of order filled or none, and prompt answer back.
Adjacent—If cannot send on train mentioned, next one will do.
Affable—Send prepaid by baggage master, if no express messenger on train.
Decorate—If cannot send all on train mentioned, send all you can, and send balance on next train.
Admission—This order is a substitute for my regular order.
Dancing—If cannot fill order exactly as specified, you may substitute according to your best judgment.
Ancestor—This order is an addition to my regular order.
Durable—Colored flowers must not be substituted for white.
Affection—Fill if possible, even at extra expense.
Fabricate—Flowers ordered are to be re-shipped to a distance, therefore buds must be cut specially close.
Fortunate—Select extra stock and charge accordingly.
Devotion—For cheap work, and can use second-class flowers, fill at re-duced price.
Flattery—If price has advanced since last quotation, do not send goods, but telegraph.
Forgery—This order countermands all previous orders
Formation—Add these items to the order which you already have, but in case first order is already shipped, cancel this addition.
Flamingo—We are in a bad pinch; send us something to help us out, even if of poor quality.
Flocking—Have sent mail order; if not yet received, send following at once, and cancel mail order when received.
Foraging—This order includes all items previously ordered and wanted for this date.
Superior—Can use something especially fine, and am willing to pay accordingly.
Skip—If you are out, buy the best you can; we accept risk of getting "pickled" stock.
Corporal—If cannot send on night train, morning train will do.

THE CODE BELOW WILL BE USED IN ANSWERING YOU, WHEN NECESSARY.

Elope—Cannot fill your order to-day. Stock is scarce. Have tried to buy at other houses for you.
Lecture—Our store was closed yesterday when your telegram came. Received it this morning. Will ship by first train to-day, unless countermanded at once.
Willing—Cannot ship on train mentioned. Will send on next train possible to-day.
Eclipse—Will send part of your order. Balance scarce. Cannot get it at any price to-day.
Artistic—Cannot fill order to-day, if you want order filled (same order) to-morrow, wire us at once.
Favorite—Stock very poor, none better to be had. Will ship unless countermanded by..... o'clock.
Fundament—Stock named in this telegram has been sent, and balance, unless countermanded by telegram, will be sent on.....

KEEP THE DEALERS POSTED.

Keep the dealer from whom you order flowers fully posted as to the sort of stock for which you have the largest sale. Write him as fully as possible when you have time to devote to the matter. Keep him fully advised as to the needs of your trade. He will then know much better how to fill your telegraphic orders. He will know whether to send you the best in the market at the top price or to send you a fair grade at a more moderate price. The dealer is anxious to please you but often his information is meagre. Make this information as full as possible by mail and your telegraphic orders will be filled more to your satisfaction.

Vaughan, McKellar & Winterson,
WHOLESALE FLORISTS,
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CUT FLOWERS AND ALL FLORISTS' SUPPLIES.
Orders booked now for Xmas
Holly and Bouquet Green.
See our Adv. of CYCLAMEN PLANTS elsewhere in this paper.

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In our new and enlarged quarters we are better prepared than ever to handle your orders.
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Full Line of Wire Designs and Florists' Supplies
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Write for Illustrated Catalogue.
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HIGH GRADE **Cut Flowers**
Properly Packed and Promptly Forwarded.
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UNDER THIS DATE, OCTOBER 27, WE QUOTE AS FOLLOWS:

P. AND D. AT COST.	PER 100.
AMERICAN BEAUTIES, long	$15.00 to $20.00
" " medium	10.00 to 12.50
" " short	5.00 to 6.00
BRIDES, METEORS	2.00 to 4.00
MAIDS	2.00 to 4.00
PERLES	2.00 to 3.00
ROSES, our selection, -	$2.00
CARNATIONS, common	.75 to 1.00
" fancy	1.25 to 1.50

P. AND D. AT COST.	PER 100.
VALLEY	$ 5.00
VIOLETS	.60 to $ 1.25
CHRYSANTHEMUMS	10.00 to 25.00
ADIANTUM	.60 to 1.00
SMILAX	10.00 to 12.50
FERNS, common	.20
" " per 1000	$1.50

See Our Price Lists in Trade Papers.

Above prices subject to change without notice. All Flowers in season at lowest market rates. FLORISTS' SUPPLIES and WIRE WORK a specialty. On WIRE GOODS we can discount OUR OWN OR ANY OTHER LIST. Write for particulars. Store open week days until 6:30 P. M. Sundays and Holidays until noon only. Respectfully yours,

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Write for Prices.

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All sizes and varieties.
OUR OWN GROWN. Send for list.
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Florists' Supply and Exchange
Wholesale Florists and dealers in Florists' Supplies
Special facilities for shipping south. Unequaled returns for good stock. Open night and day.
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LONG'S Stationery for Florists.
New Ideas, including ANNOUNCEMENTS, BLOTTERS, CARDS, LETTER HEADS, CUT FLOWER TAGS, Etc., Etc.
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Adiantum Farleyense, 3-in. pots, $20.00 per 100; 4in. pots, $35.00 per 100.
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Armazindy Carnation...
1st Size, $3.00 per 100.
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Brilliant Green and Bronze
GalaxLeaves
CHAS. H. RICKSECKER, Linville, Mitchell Co., N. C.
Mention The Review when you write.

ST. LOUIS EXHIBITION.

A copy of the final premium list for the eighth annual chrysanthemum show of the St. Louis Florists' Club has reached us and it certainly is a beauty. The cover is embossed and printed in two colors and the typography throughout is excellent. And not the least important is the generous array of advertising, which indicates that the book is a source of profit instead of an expense to the club. The local merchants have been very liberal and the club has certainly given good value in return for such a handsomely printed and illustrated book will not be thrown lightly aside. The St. Louis boys have surely set the pace in the way of a premium list and program.

The exhibition will he held at the Coliseum, Nov. 8th to 12th inclusive. Mr. J. J. Beneke is chairman of the executive committee and manager, and those interested can undoubtedly obtain copies of the premium list by addressing him at 1222 Olive St., or Emil Schray, Secy., 4101 Pennsylvania Ave.

HUNT'S REVIEW OF THE CHICAGO MARKET.

The market is rather unsettled, but prices are still up to the mark that was set by Jubilee week. This is not due to an increased demand, but because of the weather conditions, cold dark days decreasing the supply.

The most noticeable feature of the week is the shortage in carnations and the rapid advance in price from 40 to 50 cents per hundred ten days ago to $1.50 and $2.00 to-day, fancies being affected also, but not so decidedly.

Rose stock continues in fair supply and is holding its own against the "Mums" remarkably well this season. There is certainly not an overabundance of extra choice stock and Beauties are shortening up somewhat.

This morning opens up cold and frosty which we hope will produce a better demand for "Mums," as they have been rather dragging for the past few days, retailers complaining of a very limited call for them so far this season. Pink varieties are more plentiful and moving at fair figures.

Violets grown locally are improving, but still not up to the Michigan in color or size; the latter are meeting with a brisk demand. In spite of stiffer prices business is not very satisfactory and the volume for the past week will hardly equal that of a year ago.

Chicago, Oct. 26, 1898.

JADOO.

S. H. Lucas, Anacostia, D. C., writes under date of Oct. 11: "I have sowed about a half acre of sweet peas, part in Jadoo and part in compost; those in Jadoo came up finely, every seed seemed to germinate. I also sowed twelve flats of pansy seed, and they also came up finely. I had a lot of fuchsias which would not grow; potted them in Jadoo, three plants in a 5-inch pot, and now they are fine, healthy plants, full of young growth. I like Jadoo, it is a 'good thing.'"

PROVIDENCE, R. I.—The palm swindle was recently worked on a florist here.

TOLEDO, O.—A project is on foot to build a greenhouse in the park of the water works.

SAMUEL S. PENNOCK,
Wholesale Florist,
LONG DISTANCE TELEPHONE
1612-14-16 Ludlow Street, ...PHILADELPHIA, PA.
Mention The Review when you write.

EXTRA HEAVY CLEAN ...STOCK...
Kentia Belmoreana
6-in., 5 to 7 leaves, $15.00 to $24.00 per dozen.
5-in., 5 to 6 leaves, $12.00 per dozen.
Kentia Forsteriana
6-in., 5 to 6 leaves, $12.00 to $18.00 per dozen
5-in., 4 to 5 leaves, $ 9.00 to $12.00 per dozen.
Field-Grown Carnations
A fine lot ready for delivery.
THE COTTAGE GARDENS,
QUEENS, N. Y.
Mention Florists' Review when you write.

TULIPS
Per 1000
Single, mixed $4.00
Single, in colors, separate 5.00
Double, in colors, separate 5.50
Freesia Refracta Alba, selected... 4.50
Double Von Sion, selected Bulbs..... 15.00
Single Narcissus, mixed..... 5.00
Crocus, blue, yellow striped, white 3.00
L. C. BOBBINK,
RUTHERFORD, N. J.
Mention The Review when you write.

WANTED!
1,000 Cineraria Plants in exchange for Sword Ferns in 3, 4 or 5-in. pots. Write
GEO. A. KUHL, Pekin, Ill.
Mention The Review when you write.

Cut Flower Exchange,
404 - 412 East 34th St., New York,
NEAR THE FERRY.
Open Every Morning at 6 o'clock for the sale of CUT FLOWERS.
Wall space for Advertising purposes to Rent.
J. DONALDSON, SECRETARY.
Mention The Review when you write.

KELSEY'S SOUTHERN
Galax Leaves
Brilliant Green and Bronze.
Information of the Introducer,
HARLAN P. KELSEY,
Prop. Highlands Nursery in North Carolina. 1150 Tremont Bldg., BOSTON, MASS.
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GIVE US A TRIAL WE CAN PLEASE YOU.

ROSES, CARNATIONS, and All Kinds of Seasonable Flowers in stock.
WM. F. KASTING, Wholesale Commission Florist,
495 Washington St., BUFFALO, N. Y.
Also Dealer in Florists' Supplies and Wire Designs.
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WM. J. BAKER,
WHOLESALE CUT FLOWERS,
1432 S. Penn. Square, PHILADELPHIA, PA.
Original Headquarters for CARNATIONS.
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Wholesale Florist,
1604 Ludlow St. PHILADELPHIA.
LONG DISTANCE PHONE.
Consignments of Choice Stock Solicited.
Our central location enables us to fill out-of-town orders at short notice.
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LONG DISTANCE PHONE.
Wholesale Florist,
1526 Ranstead St., PHILADELPHIA, PA.
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H. Bayersdorfer & Co.
THE LARGEST SUPPLY HOUSE IN AMERICA
New Catalogue of all Florists' Supplies on application. For the trade only.
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We can take on a few more consignors of **GOOD FIRST GLASS ROSES.** We want more stock for our shipping trade, and for stock that we can use for that purpose we can make satisfactory returns.

E. H. HUNT, 76-78 Wabash Avenue, **CHICAGO.**

Mention Florists' Review when you write.

HUNT'S WEEKLY QUOTATIONS

Taking effect Thursday, Oct. 27, 1898.

Subject to Change Without Notice.

We are Headquarters for CUT FLOWERS.

ROSES.

Good stock scarce.

Beauties, long	per doz.,	$2.00—3.00
" medium	"	1.00—1.50
" short	"	.50—1.00
Brides	per 100,	3.00—4.00
Kaiserin	"	4.00—5.00
Maids	"	3.00—4.00
Meteors	"	3.00—4.00
Perles	"	2.00—3.00
Our selection	"	2.00

CARNATIONS.

Selected Stock	per 100,	$1.00—1.50
Good	"	.75—1.00

GREENS.

Asparagus	per string,	$ .50
Ferns—Adiantum	per 100,	.75
Common Fancy	per 1,000,	1.50
Smilax	per doz.,	1.25—1.50
Wild Smilax, can supply on 4 days' notice. Large case		$8.00
Medium		5.50
Parlor Brand		3.75
Galax Leaves, green, $2.00 per 1000.		

MISCELLANEOUS.

Chrysanthemums	per doz.,	$1.50—3.00
Callas	"	1.00—1.50
Valley	per 100,	5.00
Tuberose Stalks	"	6.00
Ivy Leaves	"	.60
Alyssum	"	.15

HUNT'S FLOWERS GO EVERYWHERE.

☞ Special Attention given to the Shipping Trade.

A Display of...

Pampas Plumes

in any store or window will attract attention. There is a big profit if you sell right. The times are over that you can get 25c to $1.50 a pair. Few things will pay you a better profit when you can get first-class plumes 17 to 30 inches in length, for $1.50 per 100. This is the lowest price in quantities up to 1000.

PALM LEAVES

Fan shaped, without a spot or blemish, are the kind that sell. 100 and up at 1½c each.

TREATED FILIX FERN FRONDS,

expressly grown in masses for cutting long slender leaves of a fine color, in all sizes, at 2c each in lots of 100 and up.

Low express and fast freight rates to all points. A sample order will convince you of their merit.

Pampas Grove Nurseries,
Greenland P. O., FLORIDA.

Mention The Review when you write.

PANSIES Worth Raising.
Excellent Seed.

3-16 oz., $1.00; 1 oz., $4.00. Up in 5 to 10 days if properly treated. **Fine Stocky Plants,** $4.00 per 1000, F. O. B. express. Cash with order.

C. SOLTAU & CO.,
199 Grant Ave., JERSEY CITY, N. J.

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J. M. THORBURN & CO.
Late of 15 John Street, Have
REMOVED TO 36 CORTLANDT STREET, NEW YORK.
CATALOGUE OF BULBS AND CHOICE FLOWER SEEDS for Florists now ready and mailed free on application.

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REED & KELLER,
122 W. 25th St., NEW YORK CITY.
Manufacturers of WIRE ∴ DESIGNS and Dealers in
FLORISTS' ∴ SUPPLIES
Mention Florists' Review when you write.

Live Sphagnum Moss
For Orchids, etc., $1.25 per bbl.
Sphagnum Moss First quality, 85c per bale, 10 bales $6.00.
Peat $1.20 per bale, quality A No. 1.

Z. K. JEWETT & CO.,
SPARTA, - - WISCONSIN
Mention Florists' Review when you write.

Ornamental Shrubs,
HERBACEOUS PERENNIALS.
A specialty of Iris, Phlox, Pæonies, Pyrethrums, Poppies, etc. Wholesale List on application.

JACOB W. MANNING,
The Leading ESTABLISHED 1854. New England Nurseryman. READING, MASS.
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Send to **THE MOON** Company
For Your { Trees, Shrubs, Vines, and Small Fruits.
Descriptive Illustrated Catalogue **Free.**
THE WM. H. MOON CO.,
Morrisville, Pa.
Mention Florists' Review when you write.

Pandanus Veitchii,
20 to 24 inches above pot, 7-in., $1.50 each.
24 to 30 " " " 8-in., 2.00 "
Also specimens 3 to 4 feet above 9, 10 and 12-inch pots.

JOHN WELSH YOUNG, Germantown, Pa.
Upsal Station, Penna. R. R.
Mention The Review when you write.

CARNATIONS.
H. WEBER & SONS, - OAKLAND, MD.

Always mention the Florists' Review wher writing advertisers.

PITTSBURG.

In the Conclave of the Knights Templar, Oct. 11th-14th, Pittsburg had its first opportunity to show her ability to fittingly entertain many thousand visitors. That she has acquitted herself with honor is the universal opinion. The street decoration, especially, the electric displays, it is admitted, were never surpassed at any previous conclave. In some respects the conclave was a disappointment to the local florists. They had anticipated a large transient trade but were disappointed. The social events were so numerous and so largely attended that in the great excitement and hurry flowers were not in great favor. And to make matters worse, the conclave gave no opportunity for the usual social events.

The floral decorations at various Commandery headquarters, at all places where the social events took place, were elaborate and in every way satisfactory. A fair estimate of these official floral and palm decorations places the cost at about ten thousand dollars.

The bulk of the orders for these decorations were placed with Messrs. Elliott & Ulam, 5th Ave. Florists. The largest individual decoration was that furnished by Mrs. E. A. Williams, Carson street, for the Pittsburg Commandery, No. 1, at Pittsburg High School. For this decoration 130 cases of Southern Wild Smilax alone were used.

Mr. John Bader, Mount Troy, Allegheny, furnished the decoration for the Allegheny commandery, in the auditorium of the Carnegie Library building; this decoration presented a very beautiful appearance.

The table decorations at the grand banquet were furnished by Messrs. A. W. Smith and Elliott & Ulam jointly.

The area way in the Allegheny County Court House was converted into a large ball room, the palm and laurel decorations of this were furnished by Elliott & Ulam. A palace and grand ball room were combined in this place and it was a wonderful revelation to the visitors. At all the various headquarters palm and floral decorations were used. T. P. L.

LAFAYETTE, IND.

Miss Anna Dorner, daughter of Mr. Fred Dorner, was married to Mr. Fred E. Hudson, Oct. 19. Mr. Hudson is in the employ of F. Dorner & Sons Co., and the young couple will make their home with the bride's father. Mrs. Hudson will continue her connection with her father's business.

The wedding was purely a family affair, but the following evening there was a gathering of the employees of the firm at Mr. Dorner's house and the happy event was duly celebrated.

The young couple will have the best wishes of a host of friends for a long and happy life together.

MUMS

Order of us if you want **Extra Select**

Months ago we made arrangements with some of the best and largest growers about Chicago to handle their entire cut of Chrysanthemums: **Glory of Pacific, Ivory, Yellow Queen, Wanamaker, Viviand-Morel, Bonnaffon, Frank Hardy and others,** and

THEY'RE COMING IN.

Now we're looking for buyers for splendid blooms at from **$1.25 to $2.50 per dozen.** Every order shipped within two hours of its receipt at any time. **WE GUARANTEE SATISFACTION.**

WE ALSO HAVE A FINE STOCK OF ROSES AND CARNATIONS.

J. A. BUDLONG, 37-39 Randolph St. **CHICAGO.**

Mention The Review when you write.

PALMS

ETC.

Areca Lutescens, Latania Borbonica, Kentias, Bel. and Forst. Cocos Weddeliana, Livistona Rotundifolia, Phoenix Reclinata and Rupicola, Ficus Elastica and Elastica Var. Pandanus Veitchii and Pandanus Utilis, Dracaena Sanderiana, etc.

Hardy, stocky and Perfect. An immense stock of all sizes up to elegant specimens. If you do not know the quality of my stock ask some one who does. I can guarantee satisfaction as to quality, prices and everything.

SEND FOR WHOLESALE PRICE LIST.

CHAS. D. BALL, Holmesburg, Philadelphia, Pa.

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Surplus Field Grown Carnation Plants..

Clean, healthy, strong plants with plenty of roots.

White Cloud, white.	C. A. Dana, pink.
John Young, "	Dazzle, scarlet.
Mary Wood, "	Jubilee, "
Storm King, "	Gold Nugget, yellow.
New York, pink.	Psyche, variegated.
Painted Lady, pink.	Lily Dean, "
Mrs. C. H. Duhme, pink.	Meteor, crimson.

Send for Price List.

F. DORNER & SONS CO.,
LaFAYETTE, IND.

Mention Florists' Review when you write.

..CARNATIONS..

Strong, healthy plants, leading varieties, popular prices.

VIOLETS -- Extra fine, healthy clumps of Marie Louise, from field.

Write for Price List.

CRABB & HUNTER, GRAND RAPIDS, MICH.

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....NOW IN COURSE OF PREPARATION....

THE

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By WM. SCOTT.

It will tell you just what you want to know in just the way you want to be told.

It will cover the whole field of Commercial Floriculture, the articles arranged alphabetically, so that reference may be quick and easy.

It will be a whole library in itself.

Price, $5.00.

Send in your order now.

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520-535 Caxton Bldg., Chicago.

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From the advertisers in the **Florists' Review** (always mentioning the paper) and thus increase the earning power of your Certificate.

REINBERG BROS.

600,000 FEET OF GLASS.

Wholesale Growers of

Cut Flowers

We can fill all orders on short notice with all leading varieties of Roses and Carnations. We are headquarters for fine ....

AMERICAN BEAUTIES.

Give us a trial and convince yourself.

51 Wabash Ave., CHICAGO

WHOLESALE PRICE LIST.
CHICAGO, October 24, 1898.

AMERICAN BEAUTY		
Extra long stem	per doz.	$3.00
24-inch stem	"	2.00
20 "	"	1.50
15 "	"	1.00
10 "	"	.75
6 "	"	.50
METEOR	per 100,	$3.00 to 4.00
BRIDESMAID	"	3.00 to 4.00
BRIDE	"	3.00 to 4.00
KAISERIN	"	3.00 to 4.00
PERLE	"	2.00 to 3.00
CARNATIONS	"	1.00
" fancy	"	1.50 to 2.00

All other stock at lowest market prices.
No charge for packing.

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Chrysanthemums AT... MODERATE PRICES

We have a very choice lot, all grown to single stems, and for the coming week will have, in yellows, MRS. O. P. BASSETT and MRS. WHILLDIN. In whites, MRS. H. ROBINSON and extra fine IVORY. . . . . Prices, $1.00 to $2.00 per dozen.

Bassett & Washburn, ...STORE... 88 Wabash Ave., Chicago

GREENHOUSES: HINSDALE, ILL.

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Palms

ARECA LUTESCENS,
COCOS WEDDELIANA,
KENTIA BELMOREANA,
LATANIA BORBONICA.

For Sizes and Prices See Florists' Review, September 29th, Page 477.

Joseph Heacock, Wyncote, Philadelphia, Pa.

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CARNATIONS.

Kathleen Pantlind, strong plants,	$10.00	per 100.
Flora Hill, strong plants	7.00	"
Argyle, " "	7.00	"
Empress, " "	7.00	"
Red Wave, " "	7.00	"
Morello, " "	7.00	

HOPP & LEMKE,
(Paul Post Office) East Grand Rapids, Mich.

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Carnations! All the new and leading varieties.

Contracts for rooted cuttings made now. Send for prices stating what you want. **Geo. Hancock & Son, Grand Haven, Mich.**

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Carnation Plants!

FIELD-GROWN.

200 Daybreak 150 Red Wave
150 Tidal Wave 100 Emily Pierson
Fine Large Plants, $3.00 per 100.

A. G. PRINCE & CO.
88-90 Wabash Ave. CHICAGO.

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ALTERNANTHERAS RED AND YELLOW...

Nice large plants from soil at 80c per 100; $7.00 per 1000. ..... Sample for stamps.

E. I. RAWLINGS, - - Quakertown, Pa.

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Lilium.... Longiflorum

We have limited supply and quote as long as unsold 7 to 9-in. Lil. Longiflorum, $4.25 per 100; $40.00 per 1000.

Surplus Stock of Bulbs at Reduced Prices.

Lilium Candidum	per 1000,	$20.00
Freesia Ref. Alba, **Mammoth**	"	5.50
Narcissus, Von Sion	"	10.00
" Incomparable, fl. pl.	"	6.00
" Poeticus	"	3.50
Tulips, Single Colors, Separate.	"	6.00

CHINESE NARCISSUS,
Per 100, $4.50; Per 1000, $38.00.

W. W. BARNARD & CO.
CHICAGO.

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PALMS AND FERNS

Fine Clean Stock. All Home Grown.
Take advantage of the weather and order NOW.

	Size In.	In High.	Number of Leaves.	Price per 100
Areca Lut.,	8	48	4 plants in pot,	$1 50 each
"	6	36	3 " "	1.00 "
"	6	48	6-9	75 00
"	5	30	5-7	40.00
"	4½	30	4-6	30 00
"	4	20	40	20.00
Latania Bor.,	6	30	Char. 5-6	75.00
"	5½	24	Char. 4-5	50 00
"	5	20	Char. 3-4	35 00
"	4½	20	Char. 3-4	25 00
"	4	16	Char. 1-2	15 00
"	3	10	5-6	10 00
Cycas Rev. (fine)	from $2.00 to $20.00 according to size			
Phoenix Can.,	6	40-48	6-8	$60.00
" "	4	24 30	6-8	30.00
" "	3	18	4-6	15 00
Phoenix Rec.,	8	48	6-8	1 50 each
" "	6	36-40	5-6	75.00
Kentia Bel.,	6	28 30	6-7	1.00 each
" "	6	24-26	5 6	75 00
" "	5½	20 24	5-6	50.00
" "	4	15-18	4-5	35 00
" "	3			25 00
Kentia Forst.,	4½	36-40	5-6	75 00
" "	4	24-30	4 5	50 00
" "	3	15 18	4-5	25 00
Seaforthia El.,	8	40	4-5	75.00
Pandanus Util.,	5	18		50.00
" "	4	16		35 00
" "	3	14		20 00
Areca Baueri,	6	24	5 6	75.00
" "	4½	20	5 6	50 00
" "	4	18	3 4	35 00

Assorted Fern, in 10 varieties, the best for fern dishes, $3. per 100; $25.00 per 1,000.
Send for our Price List.

J. B. HEISS. The Exotic Nurseries, DAYTON, OHIO.

Cash or satisfactory references must accompany all orders.

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Carnations. To plant after Early 'Mums.....

Several thousand that are stored in frames and have not been frosted. McGowan, Wm. Scott, Daybreak, Alaska, Mapledale, Pingree, C. A. Dana, Portia, Triumph, Rose Queen, Eldorado, Della Fox, The Stuart, Mrs. C. H. Duhme, etc.

Price $4.00 per 100.

N. SMITH & SON, Adrian, Mich.

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Lettuce Plants, BIG BOSTON,

BOSTON MARKET, TENNIS BALL, GRAND RAPIDS. Extra strong plants in unlimited quantities. 25c per 100, by mail; $1.00 per 1,000 by express. Cash with order, please

R. VINCENT, Jr. & SON,

White Marsh P. O., Baltimore Co., Maryland

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Always mention the Florists' Review when writing advertisers.

VIOLETS AT POUGHKEEPSIE.

So it was our amiable and accomplished national secretary that so entertainingly wrote up that visit to the great violet center. If I had known it I would scarcely have had the audacity to mention but to praise even if "somewhat versatile." September 26th, 1898 (I guessed it was this year), seems very late for a heavy coat of whitewash, but if Mr. Stewart saw it on the glass, of course it was there at that date. Mr. Stewart might have let me down easier in regard to the glass being off in the summer months; he could have been easier on me by saying, "They formerly did," or "some growers have tried that method," or any old way would be better than cutting me off short, as "They do nothing of the kind." But much work and little time accentuates a natural gift of brevity.

Last November when I had the honor to be one of the judges at Poughkeepsie, I visited Mr. George Saltford's establishment where violets are grown exclusively, and I would say to perfection. The question was plainly asked him, "What time did you put the glass on?" He replied: "We put it on in August this year, because it rained so incessantly we would have been ruined with spot." Those are the exact words used. Now if Mr. George Saltford will tell us that he does not remove the sash or glass, I will shut up and there will be no need to choose weapons. Till he does, I shall want something better than "nothing of the sort" to change my mind.

WILLIAM SCOTT.

SWEET PEAS.

We have received from W. Atlee Burpee & Co., Philadelphia, a copy of their trade catalogue of new sweet peas, which is a very interesting publication. Messrs. Burpee & Co. are second to none in sweet peas, and it is safe to say that no novelty of real value has been omitted from their list. The most striking novelty announced is the new tall sweet pea "True Blue," which is a new color in sweet peas and which will undoubtedly make a sensation. Several new forms of the Cupid type are announced, and selections from the newer sets of Eckford varieties are offered.

SPRINGFIELD, MASS.—The directors of the Hampden County Hort. Society have decided not to hold a chrysanthemum show this year.

Mention The Florists' Review when writing advertisers.

"CONTINENTAL LIMITED."

NEW FAST TRAIN EAST VIA THE WABASH.

Leaves Chicago daily at 12:02 noon; arrives Detroit 8:20 P. M., Buffalo, 5:00 A. M. New York 3:30 P. M., Boston, 5:50 P. M.—only one night on the road. Through sleeper. Ticket Office, 97 Adams Street, Chicago.

CUT STRINGS, 10 feet long, 50 cents each.
Shipped to any part of the country.

The MODEL Extension Carnation Support....
Also Wire Rose Stakes.

QUEENS, N. Y., Feb. 16, '07.
MR. THERON PARKER, Brooklyn, N. Y. Dear Sir:—I have tested your latest Model Carnation Support, and am free to say that I consider it the best wire carnation support that I have ever seen. It is quickly and easily applied, and I think will prove very durable, and you certainly deserve great credit for the invention.
Very truly yours,
C. W. WARD.

FLATBUSH, BROOKLYN, N. Y., Feb. 18, '07.
MR. THERON PARKER.
Dear Sir:—Your wire stake is certainly a gem. Without hesitating we endorse it as an up-to-date Carnation Support. Yours truly,
DAILLEDOUZE BROS.

W. HOBOKEN, N. J., Feb. 18, '07.
MR. THERON PARKER, Brooklyn, N. Y. Dear Sir:—It gives me much pleasure to congratulate you upon your success in getting up Carnation Supports. I think that those I have had from you are about as perfect as anybody will be able to make them. They certainly fill my bill for an ideal carnation support, a thing I have been looking for for a long time. Wishing you every success in the sale of them, I am,
Yours truly, E. ASMUS.

Write for Prices, Circular and Special Discounts for early orders.

The Model Plant Stake Co.
THERON PARKER, Mgr., Inventor and Patentee,
22 Morton Street. BROOKLYN, N. Y.
Mention The Review when you write.

What You Need!

	Per 100
1000 Carnations, strong field-grown. Nivea, Md. Albertini, McGowan, etc	$4.00
Primroses, best strain, 2½-in. pots,	3.00
Asp. Plumosus	" 6.00
Asp. Sprengeri	" 6.00
Impatiens Sultani	" 3.00
Begonia Rex	" 4.00
Mignonette. Allen's Defiance	" 2.00
Mt. of Snow Geranium	" 4.00
Vincas, 2½-3½-in	$2.00-4.00
Forget-me-not, winter flowering, 2½-in.	3.00

Rooted Cuttings and Other Stock.
Write us what you need and get prices.
Terms cash or C. O. D.

GREENE & UNDERHILL, - Watertown, N. Y.
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Correspondence Solicited

ORCHIDS

Imported and established stock of A1 quality always on hand, also a complete line of best Cherry Wood Baskets, Fresh Moss and Peat, etc.

Special Sheep Manure for Orchids per bbl. or ton

One of our customers says:
"Send me 200 lbs. of your sheep manure. I can't do without it." HENRY CLINKABERRY.

Lager & Hurrell, Growers and Importers.... Summit, N. J.
Mention Florists' Review when you write.

Herr's Pansies...

Good little plants (greenhouse grown), ready Dec. 1st, at 75c per 100, or $4.00 per 1000.

Herr's Carnations

Every cutting guaranteed satisfactory or money refunded. All the leading varieties in quantity at reasonable prices.

ALBERT M. HERR, - Lancaster, Pa.
Mention The Review when you write.

SURPLUS STOCK OF ROSES.

500 Perles, 1000 Brides, 1500 Bridesmaid, fine stock, out of 2½-inch pots, $3.00 per 100, $25.00 per 1000.
VIOLETS, field grown clumps, $3.00 per 100.

C. LENGENFELDER,
Cor. Western and Berteau Aves., CHICAGO, ILL.
Mention The Review when you write.

Always Mention the....
Florists' Review
When Writing Advertisers.

Does This Appeal to You?

The season is at hand when you must have all the **newest** styles to keep up with your competitor, who **no doubt** is handling **our** goods, which have gained for **us** a most **gratifying reputation.** We are now in a position to fill your wants **promptly,** also at the **lowest** market prices. Our new illustrated catalogue for the asking.

"It's one of the best."

Immortelles,
Moss Wreaths,
Baskets,
Cycas Palm Leaves,
Metal Designs,
Pot Covers,
Wheat Sheaves,
Doves, Etc.

EVERYTHING OF THE BEST IN THE LINE.

M. RICE & CO.

Importers and Manufacturers,

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All Strong Field-Grown Stock.

	Per 100
Clematis Davidiana, 1 year	$5.00
Funkia Alba	5.00
Hemerocallis flava	5.00
Hollyhocks, double, separate colors, per 1000, $40.00	5.00
Helianthus Multiflorus plenus and Soliel d'Or	5.00
Iris Germanica	4.00
Perennial Phlox, superb collection	5.00
Rudbeckia Golden Glow	4.00
Spiræa Palmata Elegans	3.00
Yucca Filamentosa, 2 years	8.00

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ROCHESTER, N. Y.
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The ideal florists' fertilizer. Contains all the elements of plant food available. Pleasant to handle. By bag, ton and car load.

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ON THE LARGEST STOCK OF

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"LITTLE CHRIS."

See notice and illustration in Review, Oct. 13. Plants from 2-in. pots, 35c each; 3 for $1.00.

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Excellent Brides, Perles, Meteors and Maids, at $3.00 per 100. Make a note of this, as this ad. will not appear again. If you want FINE Rose Stocks out of 3 and 3½-in. pots, ORDER AT ONCE.
Cash with order.

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A Great Bargain.

Ageratum, Monstrosum and **Cope's Pet,** 2-inch pots, 50c per 100.

Cuphea, Segar Plant, 2-in. pots, $1.00 per 100.

Rudbeckia, Golden Glow, from 3½-in. pots, $4.00 per 100.

Achillea, The Pearl, from 3½-in. pots, $4.00 per 100.

Coreopsis Lanceolata, from 3½-inch pots, $4.00 per 100.

Grevillea Robusta, 8 in. high, $4.00 per 100.

Statice Armeria, from 3½-inch pots, $4.00 per 100. CASH, PLEASE.

Edward B. Jackson, STAMFORD, CONN.
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NEW WAR OF THE ROSES.

There is a War of the Roses on the East Side, and the royal houses of Hartz and Schusterman are girding for the fray.

Abraham I. of Schusterman and Prince Isaac of Hartz are the contending monarchs. Their palaces—otherwise florists' shops—lie side by side in the beautiful lower valley of Avenue B. The Hartz emblem is the red rose; that of the Schustermans is white; and each insists that the appropriate color for the other is yellow.

Yesterday blithely over the flags sped the fair lady of Destler, and she sought the Prince of Hartz, beseeching him that he would pluck for her one small nosegay, price a silvern quarter piece of the realm.

"But, prithee, is not your spouse a henchman of mine enemy, King Abey?" queried the Prince.

"In sooth, he is," she sighed, "but I'm with you, Ike."

Bending his head, he was about to place in her hand the red rose of his house, when he heard a harsh voice saying: "Traitorous woman! Giving comfort and cash to the enemy! Out I say, and bring your trade next door!"

It was Adam of Destler, a lusty knight of the house of Schusterman.

"Come forth!" he commanded to his lady.

"Come seventh!" she retorted.

"Fear not, I will protect thee," said Isaac of Hartz.

"Nay, wilt thou?" sneered Adam, and, drawing his trusty culverin from his sock, he launched a volley of those deadly missiles known as bad hen fruit against the crystal front of the palace of Hartz.

The peace of two great houses might have been shattered forever had not one of the Bluebrass Mulberry Janizaries appeared and haled the varlet Destler to the dungeon called the Cooler.

But the learned lawgiver Kudlich afterward said in the Essex Palace of Justice: "Out upon ye both! Begone!" And they hewent.—New York Press, Oct. 21.

FLORISTS' SUPPLIES.

We have received a copy of the new catalogue of florists' supplies issued by M. Rice & Co., Philadelphia, and it is certainly a very handsomely illustrated and printed book. The great variety of goods offered well illustrates the widening needs of the florist as regards accessories to his flowers, and certainly everything of the sort a florist can need must be listed in this catalogue. Even perishable goods, such as wild smilax, galax leaves, palm crowns, etc., are included, while baskets and similar supplies are shown in apparently endless variety. The free illustration of the various styles will, we believe, make this catalogue very useful for reference.

The Harrisii Disease

can be prevented by immersing the bulbs for 3 hours in a half solution of.....

..Kraft's Plant Tonic.. 99%

This has been conclusively proven by experiments at Lincoln Park, Chicago. The Tonic also kills **Hard Shelled Scale, Mealy Bug,** and other insect pests without injury to the plant. A trial of a 25-cent bottle will convince you that a really remarkable insecticide has been discovered. Send for circular.

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MILFORD NURSERIES.

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FRANCE -- Roman Hyacinths, Narcissus, Freesias, etc.

JAPAN -- Lilium Longiflorum, all sizes. Crop short.

HOLLAND -- Hyacinths, Tulips, Narcissus, Crocus, etc.

CHINA -- Chinese Secred Lilies.

On hand:—Extra selected **Lily of the Valley,** 2,000 in a case $24.00
From cold storage:—A fine lot of **Arancarias.**
State quantity needed and prices will be cheerfully given by

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Flowers 5 inches in diameter. Cut September 20. Last year September 17. $1.00 per doz. Cash with order, please.

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200,000 Giant Flowering Pansy Plants, 500 at 1000 rate.		$ 3.00
50,000 Geraniums, up-to-date varieties, 2-in	$2.00	15.00
5,000 Coleus, strong, 20 varieties, 2-in	1.00	8.00
5,000 Heliotropes, 4 newest, " 2-in	2.00	18.00
1,000 Southern Thyme (white), 4-in	4.00	
2,000 Little Gem Feverfew, 2-in	2.00	15.00
6,000 Flowering Begonias, 20 varieties, 2-in	2.00	18.00
2,000 Flowering Begonias, bushy, 20 varieties, 3½-in	3.00	25.00
500 Gynura or Velvet Plant, 2-in	3.00	
1,000 Primula Obconica, 2-in	2.50	
200 Coleus Brownia (new), 2-in	5.00	
300 Adiantum Cuneatum, 5-in	10.00	
200 Nephrodium Cristata, 6-in	10.00	
400 The True Maidenhair Fern, 5-in	10.00	

THE MORRIS FLORAL CO., -- Morris, Ill.

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NOW READY FOR DELIVERY.

600, 3-inch pots.....at $8.00 per 100.
2000, 4 " .....at 12.00 "
1000, 5 " .....at 25.00 "
500, 6 " .....at 50.00 "

The above plants are grown from the very choicest mixture of seed and are guaranteed first class in every respect.

Shipped direct from the greenhouses.

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Amoor Privet and Hardy Lemon, best hedge plants.
5,000 Gardenia Florida, ... 5,000 Oranges, dwarf grafted sorts, 15,000 Camphor.
500 Ficus Elastica, 10,000 Latania, 1,000 Phoenix Reclinata, 6-inch.
100,000 Cannas, leading sorts at $15 per 1000. 10,000 Biota Aurea Nana.
5,000 Rare Conifere. Roses, field-grown, on own roots and budded. An immense stock of Ornamental and Fruit Trees.

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Write for prices on car lots.

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DREER'S SPECIAL OFFER OF PERENNIALS... ...FOR FALL PLANTING.

	Per 100
Achillea, The Pearl, 3-in. pots	$ 4.00
" Filipendula, clumps	6.00
Anthericum Liliastrum, (St. Bruno's Lily)	5.00
" Liliago, (St. Bernard's Lily)	5.00
Anthemis Tinctoria, Golden Marguerite, clumps	6.00
Anemone Japonica Alba, and Rubra, clumps	6.00
" " Whirlwind, "	6.00
Aquilegia Chrysantha, 1-year old plants	6.00
" Cærulea, " "	6.00
" Canadensis, " "	5.00
" California Hybrids, 1-year old plants	5.00
Asclepias Tuberosa	6.00
Asters (Michaelmas Daisies), 6 choice varieties	8.00
Boltonia Asteroides, strong	5.00
" Latisquama, strong	6.00
Bocconia Cordata	5.00
Cassia Marilandica	8.00
Clematis Davidiana, 3-in. pots	6.00
Campanula, Aliariæfolia, 3-in. pots	6.00
" Persicifolia Alba, clumps	6.00
" Carpathica, blue and white, 3-in. pots	5.00
" Grosseki, clumps	6.00
" Pyramidalis, 1-year old	8.00
" 3-in. pots	6.00
Coreopsis Lanceolata, clumps	6.00
Delphinium Formosum, 1-year old	6.00
Dictamnus Fraxinella, pink and white	10.00
Digitalis Gloxiniæflora, strong clumps	6.00
Doronicum Excelsum, strong	10.00
" Caucasicum, strong	10.00
Eupatorium Cœlestium, clumps	6.00
Funkia Cœrulea	4.00
" Alba	8.00
" Variegata	6.00
Gypsophilla Paniculata	6.00
Gaillardia Grandiflora, 3-in. pots	4.00
" " 4 "	6.00
" " clumps	8.00
Helenium Grandicephallum Striatum, clumps	10.00
Helianthus Multiflorus, fl. pl	8.00
" Mollis	8.00
" Orgyalis	8.00
" Maximilliana	8.00
" Rigidus	6.00
Heliopsis Pitcheriana, clumps	6.00
Hemerocallis Aurantiaca Major	35.00
" Flava	4.00

	Per 100
Hemerocallis Fulva	4.00
" Kwamso, fl. pl	4.00
Hibiscus "Crimson Eye"	4.00
Heuchera Sanguinea, 3-inch	8.00
Iris Orientalis	8.00
" Pseudo Acorus	8.00
" Kaempferi, 25 choice named sorts	10.00
" " choice mixture	6.00
" Germanica, 12 choice named sorts	6.00
" " choice mixture	4.00
Lobelia Cardinalis, 3-in. pots	4.00
" " Queen Victoria, 3-in. pots	5.00
Lychnis Viscaria Splendens, clumps	8.00
Lythrum Roseum Superbum, 3-in. pots	5.00
Lysimachia Clethroides, strong clumps	6.00
Monarda Rosea	6.00
Œnothera Speciosa	8.00
" Fraseri	6.00
" Missouriensis	6.00
Pardanthus Sinensis	3.00
Pinks, Her Majesty, clumps	5.00
" in 5 choice varieties, clumps	5.00
Pæonies (see Bulb List.)	
Platycodon Japonicum, fl. pl. (new)	8.00
" Mariesi	6.00
" Grandiflorum	6.00
Physostegia Virginica	6.00
Plumbago Larpentæ, clumps	5.00
Potentilla, double flowering in mixture	5.00
Phlox Subulata Rosea	5.00
" " Alba	5.00
" Divaricata Canadensis	6.00
Poppies, Iceland, 3-in. pots	6.00
" Oriental, 3-in. pots	6.00
Pyrethrum Uliginosum	6.00
Primula Vulgaris (English Primrose), 3-in. pots	5.00
Rudbeckia "Golden Glow," clumps	10.00
" " divided pieces	3.00
Sedum Acre, clumps	4.00
" Fabarium, clumps	8.00
Scabiosa Caucasica, 1-year old plants	10.00
Spiræa Ulmaria	8.00
" Filipendula, fl. pl	8.00
Statice Armeria	4.00
" Latifolia, 1-year old	6.00
Sylphium Perfoliatum, clumps	8.00
Tritoma Uvaria Grandiflora, strong clumps	10.00
Trollius Europæus	15.00
Tricyrtus Hirta Nigra	8.00
Yucca Filamentosa	8.00

Henry A. Dreer, 714 Chestnut Street, Philadelphia.

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Large Trees for Park and Lawn Planting.

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PATCHOGUE, L. I., N. Y.

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Ericas (Heather), also Full Line of Other Flowering Plants

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Per 100, 50 cents Per 1000, $2.50.

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ALTON, ILL.—Mrs. Mary Walter, daughter of Joseph Krug, the florist, died recently aged 37 years.

NASHUA, N. H.—G. E. Buxton has discarded the Fisher carnation. It formerly was his best white. Flora Hill is now a favorite. All the best known newer kinds are planted and look very promising, the only one looking somewhat frail is the Bradt. Chrysanths are sturdy, and the whole place is kept in a trim, clean condition.

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OUR PRICES ARE ½ OF OTHERS.

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An assortment of **twenty varieties** (fifty each), purchasers' selection from Shrubs quoted in trade list at $4.00 to $7.00 per 100, will be furnished for **$50.00**, F. O. B., when cash accompanies order, otherwise packing charged at cost.

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An assortment of **twenty varieties** (fifty each), purchasers' selection from Shrubs quoted in trade list at $7.00 to $10.00 per 100, will be furnished for **$75.00**, F. O. B. when cash accompanies order, otherwise packing charged at cost.

100,000 California Privet, 1 year, 2 years, 3 years.
5,000 Deutzia Gracilis, 12 to 15 inches, very fine for **Florists** to **Force, $6.00** per 100. **$50.00** per 1,000.
10,000 Hydrangea Paniculata, different sizes.

VERY LOW PRICES ON VINES.

Ampelopsis Veitchii, 1 year, **$35.00** per 1,000; 2 years, **$50.00** per 1,000.
Actinidia Arguta or Polygama, 1 year, **$8.00** per 100; 2 years, **$16.00** per 100.
Clematis Paniculata, from 3-inch pots, **$35.00** per 1,000; 4-inch pots, **$60.00** per 1,000; open ground, 2 years, very strong, **$75.00** per 1,000.
English Ivy, 1 year, from open ground, strong, **$50.00** per 1,000; 2 years, very long vines, **$60.00** per 1,000.
Wichuraiana Roses, 1 year, **$48.00** per 1,000; very strong, 2 years, **$75.00** per 1,000.

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An immense stock of Norway, Sugar, Silver and Sycamore Maples, Purple-leaved Beech, Cut-leaved Birch, Catalpas, Elms, Lindens, Horsechestnuts, Magnolias, Oaks and Willows.

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We are specially prepared to supply florists with Evergreens suitable for winter decorations, either for window boxes, tubs or pots. We recommend the dwarf varieties of Arborvitæs and Retinospоras where a small or medium growth only is desired, and tall-growing Arborvitæs where larger sizes are preferable; either size plants are of perfect form and well furnished to the base. We solicit your orders for these. Price lists on application.

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Greenhouse PIPE and FITTINGS OF EVERY DESCRIPTION.

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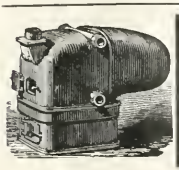

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One Ton of JADOO FIBRE fills 3,500 Four-inch Pots.....

One ton **JADOO FIBRE**, f. o. b., Philadelphia, costs	$27.50
3,500 4-inch pots cost	27.26
Cost of pots and **JADOO FIBRE** for 3,500 plants	$54.76
Cost of 3,500 6-inch pots (size required if soil or compost is used)	74.83

One Ton of JADOO FIBRE fills 1,150 Six-inch Pots.....

One ton **JADOO FIBRE**, f. o. b., Philadelphia, costs	$27.50
1,150 6-inch pots cost	25.88
Cost of pots and **JADOO FIBRE** for 1,150 plants	$53.38
Cost of 1,150 8-inch pots (size required if soil or compost is used)	63.28

The advantages in addition to the above are:
YOU SAVE TIME IN POTTING (HAVING NO SOIL TO MIX); YOU SAVE SPACE IN GREENHOUSES; YOU SAVE LABOR IN WATERING; AND MOST IMPORTANT OF ALL, YOU CAN RAISE BETTER PLANTS (that will command a higher price) THAN CAN BE POSSIBLY GROWN IN SOIL AND MANURE, OR SOIL AND FERTILIZERS.

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One Ton of JADOO FIBRE is all that is required for

3,500 to 4,000 4-inch pots. 1,150 to 1,300 6-inch pots.
2,000 to 2,500 5-inch pots. 600 to 750 8-inch pots.

Send for our printed matter.

THE AMERICAN JADOO CO.,

817 Fairmount Avenue, PHILADELPHIA, PA.

JADOO FIBRE AND LIQUID are for sale by all prominent Seedsmen and Dealers.

Mention Florists' Review when you write.

ST. PAUL.

The dark, rainy weather the past two weeks has been detrimental to sales and likewise deteriorated quality and quantity of stock.

Several social events of importance, numerous weddings and plenty of funeral work have created a fair demand for good stock and sales in the aggregate are larger than for the corresponding period last year.

In roses there has been a good supply of all varieties, Beauties being especially in demand. Prices are well maintained, good teas, $3.00 to $4.00; Beauties, $10.00 to $20.00.

In carnations the supply has hardly been sufficient to meet the demand. Prices ranging from $1.50 to $2.50 per 100.

Violets have been kept back by the dark weather, and but very few good blooms have found their way to market. Those which are coming in are of medium quality and sell at 50 to 75 cts per 100.

The mum season has fairly opened and some very good flowers have come in. They sell at 10 to 20 cents each at wholesale. Of the newer varieties Elvena, Rose Owen and Golden Harvest are the most promising. Glory of Pacific is disappointing, being of uneven color.

Fall importations of palms have arrived and sales are good. The smaller sized plants that will retail at $1.00 to $2.00 each are most in demand, and Kentias are the most popular varieties.

Pete Holm now wears a very smiling countenance. It's a boy, and weighs 12 lbs.

Mr. J. Rolker, of New York city, was a recent caller. X. Y. Z.

DOVER, N. H.—C. L. Howe has added two houses for roses. He reports a good seashore season.

GLASTONBURY, CONN. — J. R. Morgan & Son have added new houses containing an aggregate of 4,500 square feet of glass.

WAKEFIELD, MASS.—Chas. A. Gardner has opened a branch store in the centre of this town. He has a capital stock to draw upon.

VANDALIA, ILL.—The Southern Illinois Horticultural Association will hold its annual meeting here November 29, 30 and December 1.

THE Richmond Stove Co., Norwich, Conn., have issued a very handsomely illustrated catalogue of their Richmond steam and hot water boilers.

STRATFORD, ONT.—Mr. R. Clarke has sold his business to Mr. Alf. Neal, of Woodstock, Ont. Mr. Clarke has removed to Montreal and is not at present in the business, though still interested in the subject of floriculture.

DECATUR, ILL.—N. Bommersbach has leased a salesroom in the Milliken building and will conduct same as an outlet for the product of his greenhouses.

PATERSON, N. J.—Joseph Towell, the florist, has been in such poor health that he has decided to close up his store business and is selling out his stock.

STILLWATER, N. Y.—Fred. W. Williams has enlarged and much improved his establishment and now has a finely appointed place. A fine new stock of ferns is a special feature.

HOLBROOK, MASS.—M. L. Belcher has removed his establishment from South Braintree to this place and this will in future be his address.

ROCKFORD, ILL.— W. S. Hizer made a large display at the state fair and was awarded 32 prizes and a silver medal.

CINCINNATI, O.—Fred C. Kolthoff, the florist, was quite badly injured Oct. 18 by being thrown out of his buggy while driving.

BROOKFIELD, MO. — The flower parade held here Oct. 15 drew the largest crowd that ever congregated in this city.

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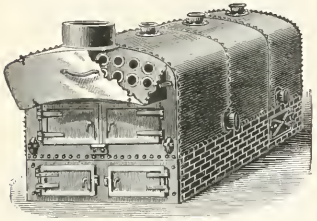

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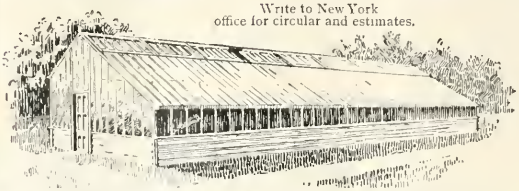

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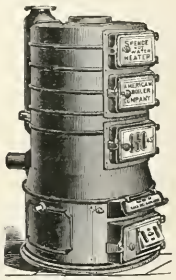

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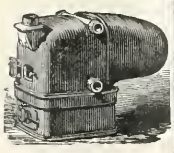

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THE WEEKLY FLORISTS' REVIEW

Watson B M
Jamaica Plain Mass
52

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AZALEA INDICA.

(From advance sheets of the Florists' Manual, by William Scott.)

Of all the species of this beautiful genus, the Indian or Chinese are the most valuable. The growers of continental Europe have made such a specialty of growing azaleas that it is not likely that we shall for some time look to any other source for our supply. They may have neither soil, climate nor labor more suitable than we have in many parts of this continent, but certain it is that with our present facilities or methods we cannot begin to raise an azalea at anything like the same cost and quality as those imported. New varieties are, of course, raised from seed, and at the third season you will be able to see whether you have any improvements on existing varieties.

Indian Azalea.

They can also be propagated from cuttings by inserting the cutting in sand. A cutting of $2\frac{1}{2}$ or 3 inches of what is known as half-ripened wood is best; that is, the young growth of spring, not in too green or succulent a state, as you would a verbena, nor too much ripened and hard. A closely shaded frame with some heat under the sand, either from pipes or manure, would be the most favorable condition. They are slow to root, and in our climate the little plants or cuttings are so liable to the attacks of thrip and red spider during the summer months, and so difficult to remove, that propagation by cuttings is not worthy of consideration, either to produce a fine plant or for profitable operation. All the plants we handle in our business are grafted. Desirable and popular varieties are grafted on stocks raised from the seed of some strong growing varieties. Our chief interest in the azalea is how to handle them when they arrive here, and how to care for those unsold, which should make, by good care, a fine plant for the second or third year.

Soil.

It is generally acknowledged that a soil containing lime is very unsuitable for azaleas or any of the order ericaceae, which includes the heaths, rhododendrons, etc. It will be noticed that in some soils the plants imported and potted in October have made scarcely any young roots into the soil we give them. The Belgians grow them in fibrous peat, which in most parts of our country is difficult to obtain. But peat is not entirely essential. Two-thirds of turfy loam, not sifted, but just broken up, and one-third of leaf mould, will make a good compost in which azaleas will thrive. If to the above is added one-tenth of finely sifted decomposed cow or sheep manure, so much the better.

When unpacked, the roots are often found dry. They have also rooted so freely that to pot them just as received would want an unwieldy sized pot. The ball of earth can be reduced one-third by shaking off the soil or what appears to do the plant little or no harm. Considerable of the ball can be reduced by slicing off an inch or so with a sharp knife or hatchet. When the ball is reduced to the required size—and it should only be done when the roots would require a pot out of proportion to the plant—soak the ball of roots in a tub of water for a few seconds. Pot firmly. If the soil is left loose, it will only be a channel for the water to run down and escape the roots that need it.

For the first two or three weeks after potting, the plants are best in a cool, shady and rather close house or frame; after that, a cool, light house for those you wish to flower the following Easter. By cool I mean 40 degrees at night is ample, and to retard them still more, anything above the freezing point will do. Some varieties cannot be kept for spring, and it is well to bring early varieties along, so that at all times during winter you have some plants in flower.

At no time should the roots of the azalea be allowed to get extremely dry. They will not bear it; and it may be well to state right here that the many complaints of our customers that their azalea has shriveled up or the flowers are wilted is nothing but the insufficiency of water. Especially is this the case with the plants when sold the winter following their importation. When in a temperature of over 50 degrees or when any forcing is attempted, the plants should be well syringed at least once, or better, twice a day.

Mealy bug often attacks azaleas. Plenty of syringing will keep them down. Thrip and red spider are also very bothersome to them, but neither of these would appear if syringing were faithfully observed. They can be removed by a syringing of the tobacco extract. The Rose Leaf Extract diluted 50 to 1 will do. It is a general belief that tobacco smoke injures the foliage. It may be so, and it is well to avoid it, but I have seen little evidence that it injured the azalea.

During January, February and March the plants imported the previous autumn have a great inclination to make a growth before they develop their flowers. If this growth is not rubbed off the flower will be so weakened by the strong young growth that it will amount to nothing.

Many growers would rather import every year, and if they had plants left over in the spring, throw them away. To the man who grows but a few dozen this is likely to be the most profitable way of doing business; but where there is enough to warrant systematic care, it should not be done, for the second, third or even tenth year they are a more satisfactory plant to the purchaser than those just imported. With good but not necessarily costly care the azalea attains a good size and flourishes for many years.

Plants of the previous autumn's importation that are unsold the next spring, and are frequently in bad shape from neglect in stores, should be cut back quite severely, even to the previous summer's growth. Place them in a light, warm house, and syringe frequently. When cutting back, see that the soil is in good shape and the drainage in order. By the first of June they will have made a good growth; that growth is what gives you the bloom the following winter. From the first to the middle of June plunge them out-of-doors in the broad sun. The pots should be plunged in some material to the rim, but in a place where water won't remain during heavy rains to unduly soak the roots. Over the surface of the pots spread an inch of rotted refuse hops or rotted stable manure. In this position they will do till the end of September, or till there is danger of frost. They want faithful attendance in watering, never to be killing dry and in hot weather a daily syringing.

If it is desired to grow on some plants a number of years to make fine specimens, the above treatment in most respects will do, but there are a few exceptions. Plants established in pots will seldom need those early growths rubbed off, for they have not the inclination to make them; neither will they want the hard cutting back every spring, the growth they make after flowering being sufficient for the next year, and stopping strong growths to keep the plant in good shape is all that is needed.

Azaleas by training and tying easily conform to almost any shape. They are beautiful if left to grow quite naturally. They are easily kept by pinching and stopping in what may be called umbrella form, but are grand when trained in pyramidal form. Few cultivated plants can equal a well flowered azalea four or five feet in diameter at base, tapering to two feet at top and six or seven feet high.

ROSE NOTES.

We are fast approaching the critical time of the year when nature is preparing for its annual winter rest. To keep your rose houses in good condition will require more careful attention during these days of ups and downs in the weather. We often hear it said: "Anybody can grow roses in summer time, there is no trick in that," but when it comes to growing roses for winter bloom, that is quite another thing. Just where the trick is in growing roses during the winter months I have never been able to discover. In fact, I want it to be understood that there are no tricks in rose-growing; neither do we depend upon such imaginary things as luck, good or bad, as the case may be. If your roses have been doing well and producing good blooms up to date, it is because your treatement has been such as to bring about this result. If they are not up to expectation, it is your treatment that is at fault. You are (or should be) the master of the situation, and as such you must be alive to the needs of your plants.

Study to prevent those diseases and insects that are a constant menace to the health of your plants. Don't wait until you see a dose of mildew before applying sulphur; neither should you await the appearance of greenfly to remind you of the necesity of fumigating. Red spider is another one of those pests that do not herald their arrival with a brass band; and so we might go on enumerating the many evils that fall to the lot of him who has yet to learn the meaning of that old saying as to prevention being better than a cure.

During the coming months we will endeavor to call your attention to some of the most common errors that prove such stumbling blocks to the beginner, and if perchance something may be suggested that will enable him to produce two good roses where only a poor one grew before our labor will not be in vain.

In the meantime let us keep an eye on the temperature, always remembering that an even temperature is necessary for a steady growth and continuance of bloom, not forgetting the need of pure air so beneficial to the health of your plants. S. A. B.

CLEMATIS PANICULATA.

Every florist doing a general business should have a number of plants of this beautiful clematis on his place. They will not only ornament his grounds, but will supply excellent material for design work during the period of bloom. It can be used for sprays in bunches or can be utilized with very pretty effects in all manner of festooning. It is simply magnificent when hung in long garlands over archways and down pillars, and for curtain effects it is superb.

The engraving is from a photograph taken September 11, last, of a specimen growing against a pillar of the

residence of Mr. O. P. Bassett, Hinsdale, Ill. It was planted from a 2-inch pot only three years ago. In this case the plant is merely a veranda ornament, but any florist will appreciate how useful that mass of flowers would be in design work or decorations during September.

THE COMING CARNATION MEETING.

By Albert M. Herr.

[Read before the Florists' Club of Philadelphia.]

This is a very large subject for a little fellow like myself to tackle, and I trust you will take my size into consideration when you deal with the shortcomings of this paper.

The first and most necessary point is to get the date well fixed in our minds: February 16th and 17th, 1899. It looks a long way off now, but time flies quickly, and unless we take it by the forelock and keep just a little ahead of it, the meeting will be here and we not ready for it.

Fortunately, I know my fellow members of this club well enough to also know that I could not add one suggestion as to how they should treat the society socially during its sojourn in this city. I can, however, add a word of caution, and I trust the club in general and every individual member of the club will take it to heart. Do not plan much in the way of entertainment. This society meets, at a busy time of the year, for business purposes, and its members are all wanted at its sessions. This is quite as important as the date, and we want to get it fixed in our minds just the same.

I think I voice the sentiments of every member of the American Carnation Society when I say that I sincerely trust there may never be any rivalry between cities in which we meet to outdo each other in the way of entertainment, and thus eventually have us become a burden to the local club of the city in which we meet. As a society, we prefer to have our meeting looked upon among the craft as a pleasant social event of the season, and to feel that the benefits derived by the members of the local club from our meeting and exhibition will almost or altogether balance their share in the meeting, exhibition and our entertainment.

We meet February 16th and 17th, a time when all carnation-growers are busy with work and can ill afford a long stay from home. As a consequence, we meet strictly for business purposes. Arrangements are usually made so that half a day of the two days we are in session can be devoted to a visit among such growers as can be quickly reached. From past experience there are a goodly number of the attendants who remain over the Saturday following the meeting and spend the day among the growers. Then there are a few who will come in a day or two ahead and make a pretty general canvass of the growers in and around the city in which we meet. In view of this it will be well for us all to be prepared for critical visitors. Most of us have pride enough in our make-up to make a special effort toward having our stock in the pink of condition when these men come around. The result is the standard of excellence in the carnation will be raised a notch or two higher through these efforts, and this is one of the benefits derived from having the American Carnation Society meet in a city, for after this notch or two has been put into the upward tendency of the carnation it will not likely be allowed to fall back again.

Clematis Paniculata.

Another great benefit of these meetings is the opportunity it affords local growers to rub shoulders with growers from other sections, and who grow for a different market. This personal contact with each other brings out ideas and facts that never are reached in any other way. It therefore behooves all the members of this club who are interested in carnations to so arrange their affairs that they can attend the meetings. It would also be a neat thing to do if all those members of this club who are especially interested in the carnation were to join the society and take an active part in its discussions and business. Membership costs but $2.00 per year, and there is no extra fee for initiation. Do not let this little hint keep you

away if you do not care to join, for we are a liberal minded body and throw our doors open to any one connected with the trade; as a grower, wholesaler or a retailer, all are invited and all are welcome.

The papers for the coming meeting are not voluminous, but will cover some interesting ground; there will be one by Prof. Britton on commercial fertilizers and their relation to the growing of carnations, one and possibly three by growers of indoor carnations on their methods and success, and one by our own Mr. Kift on carnations from the retail point of view. In addition to this there is a question box open to members, and any knotty problems we may want solved can be forwarded to the secretary, or brought to the meeting with the assurance that they will receive careful consideration. So much for the meeting.

The Exhibition.

The exhibition is held the same date, February 16th and 17th, 1899. All entries should be forwarded to the secretary at least ten days before the exhibition, and all exhibits must be staged by 11 a. m., February 16th or they will be disqualified. These are very important items to get fixed in our memory, as they are not paper rules, but rules that have to be lived up to and obeyed to the letter in order to avoid confusion and the interference of the exhibition with the business sessions of the meeting. The premium list will be ready for distribution by the first of December, and will be mailed to any one who applies for the same, no matter whether they are members or not; all intending exhibitors should bear in mind and send their names to the secretary at once.

Our exhibitions have been second in size only to the chrysanthemum shows of the fall, and are fully as well appreciated by the general public. By carnation enthusiasts they are looked upon as each one better than the preceding one, and perfect marvels in the way of progress. There is no reason why this exhibition should not be far ahead of any of the preceding ones, and there is every reason why it should be ahead of them. In the first place, the premiums offered by the society are no mean ones, but represent quite a nice outlay in good cold cash, besides a few in the way of trophies, and the outside premiums this season cover all the ground that can be taken up.

Perhaps the first one of these to be considered is the cup offered by E. H. Michel, of St. Louis, Mo., for the club winning the highest number of premiums in the whole exhibition. This will be awarded by points, so many for first prize, so many for second, and in the same way points will be allowed for certificates and special premiums. This will be a feather in the cap of some club, and well worth winning. Another award that ought to bring out a good exhibit is the medal offered by the S. A. F. for the best six vases, twenty-five blooms each, of six varieties, introduction of 1897 and 1898. The grower who wins this will have double honors and such as have never been offered before.

From a money point of view the most valuable prize of the lot will be the vase offered by the Rookwood Pottery. This will be a gem, and is to go to the grower who is fortunate enough to have the best three vases, fifty blooms to a vase, of scarlet, pink and white, three varieties. Frederick A. Blake, of Rochdale, Mass., has $10 to be divided into three premiums for his new carnation, Bon Ton; Richard Witterstaetter, of Sedamsville, Ohio, has a like amount to be divided into two for his Evelina; John May, of Summit, N. J., offers $5 for the best twenty-five scarlet, and the Florist's Exchange offers a like amount for the best "Red Seedling" to be named "Charlotte"; the American Florist offers $10 toward the general fund, and there are others to be heard from.

The society is making an innovation in the way of an award by offering a vase for the most artistic arrangement of carnations with foliage or otherwise, said arrangement to contain not over 100 carnation blooms, and all other flowers excluded. It is to be hoped this award will bring out a good display and some new ideas in the use of carnations; if it does, this end of the exhibition will no doubt be well taken care of in the future.

The Cottage Gardens cup this season goes to the best scarlet, and this in addition to the other premiums offered for scarlet, ought to make the show a red letter one (no joke intended). As a club we should take a pride in winning as many of these trophies as possible, and it is time to begin right now. We will have some good strong competition to meet from other sections, for I hear almost daily of some one who is coming, and intends to exhibit from a distance. So much for the exhibition.

We, as a club, will want to appoint a committee to meet the members of the society as they come in, conduct them to their hotels, and see that they can reach the hall readily and without trouble. As the headquarters will be at the hall, it will hardly be necessary to have one hotel designated, but it would be well to see if we can secure any special rates, and offer them to those who care to take advantage of them.

We will also want a superintendent of the exhibition who will have the arrangement of the tables, and to whom all boxes and packages can be directed with instructions how to display the same.

We will have to give up our club room to the society for two days and one evening, or provide some other place of meeting, as it has always been customary for the local club to provide free of expense to the society a meeting room and exhibition hall.

CHRYSANTHEMUM NOTES.

"In chrysanthemum growing the most money is made in producing big blooms of the mid-season sorts," said W. N. Rudd, Chicago. He holds that none of the very early varieties pay because too small a percentage comes in when prices are high for their size and quality. The last half of the crop laps over on to the second earlies which are superior and when these are in the blooms of the first earlies are out of it as regards price.

In early whites he likes Midge, but would like it better if the foliage wasn't so heavy and if the flower would stand better after being cut. Mrs. Geo. S. Kalb is his favorite second early white and then comes Ivory. He has discarded Robinson. While some of the Robinsons would be superior to the best of his Ivory the Ivory would give a much higher percentage of really good blooms. With Ivory he can depend upon an excellent flower from practically every plant while with, say 600 Robinson, 200 blooms would be fine, 200 would be good fair blooms, 100 would be common and 100 "strictly bum." Again the blooms of Ivory have a substance that those of no others seem to have, and they do not suffer damage easily. They last well on the plant and keep well when cut. And the plants will stand strong feeding with no ill effect, while many white varieties are quick to suffer from this, showing it through rotting of the petals.

Though Ivory stands so high in his estimation, Mrs. Jerome Jones is his most profitable white. He can depend upon practically all good flowers, and the variety produces more dollars to the square foot of bench than any other chrysanthemum he has ever grown. When the blooms come pink he finds them just as salable as when white.

Selected blooms of Mayflower bring more money than those of any other, but it is hard to do well. Damp weather affects it injuriously and the long florets are easily injured. Still it

brings such a high price when good that it is profitable.

Yellow Queen is his favorite very early yellow, and it is good enough to hold its own till cut out and marketed. Marion Henderson isn't good enough. For a second early yellow he likes Harry Hurrell. Modesto he considers a nearly ideal yellow, except as to stem, which is too slight for the bloom. Golden Wedding is a beautiful flower of fine color, but too tall and too subject to disease.

Bonnaffon is in yellows what Jones and Ivory are in whites. It is by all odds the most profitable yellow with him. Dailledouze at its best comes near being the finest thing in yellows, but it has a tendency to come long-legged, and there is too large a percentage of inferior flowers to make it really profitable. Yellow Fellow is a good grower and produces a big flower, but it is showing bronze in the color and doesn't impress him favorably. Solar Queen has done well, producing a fine, large flower, but a little thin in the center. The blooms have sold remarkably well, bringing as high as $4.00 a dozen. It will have a place, but the place won't be quite at the top.

Mrs. A. J. Caton, the new early bronze introduced last year, has been rather disappointing this year. It came in fifteen days later than last year and the color was not so good. Referring again to early yellows, Mr. Rudd said: "Whilldin isn't really as early as Yellow Queen, though it shows color so early. The Whilldins seen in the market have nearly always been cut a week too early. Nine out of ten growers cut their blooms before they are fully ripe and that don't pay."

Mr. Rudd is still awaiting the arrival of a first class pink mum. Pink Ivory pleases him best when it comes pink, and his flowers have shown considerable pink again this year. Even with only a faint tinge of pink the flowers are beautiful and sell well. Murdoch is also showing a better color this year than last. He considers Perrin a good thing, though the flower is small. It is a good grower and sure bloomer and the quality is a good average. Autumn Glory has been a little disappointing in color, though the color improves as the blooms approach maturity. The blooms are fine otherwise. Montmort is of such poor quality that he doesn't want it on the place. Glory of the Pacific hasn't been a success with him. He has dropped Mrs. E. G. Hill.

When asked what sorts he would retain if he was obliged to confine himself to only three varieties he replied: "Ivory, Bonnaffon and Jones. If a pink one were to be added I would take Pink Ivory if the color were certain. If I had to be sure of having pink I would have some Perrin and Murdoch."

"What effect does the chrysanthemum show have on the market for cut blooms?" we asked. "If the chrysanthemum show were eliminated from the situation the grower of fine blooms would pretty nearly have to quit," was the reply. "The show takes out of the market at least 6,000 of the finest blooms, and greatly stimulates the sale of others. There is always a glut of mums for ten days preceding the show, but after the show opens there is a good demand for fine blooms."

WORK OF THE COMMITTEES.

PHILADELPHIA, Oct. 29.—E. A. Seidewitz, of Annapolis, Md., exhibited John K. Shaw. Japanese Inc. Pink. Scored commercial scale 92, exhibition scale 86 points. The same grower exhibited Swern, Jap. Inc. Pink. Scored commercial scale 83 points. John N. May, of Summit, N. J., exhibited Meta. Jap. Inc. White, lemon shading. Scored commercial scale 90, exhibition scale 87 points. He also exhibited No. 29. Jap. Ref. Pink. Scored commercial scale 79 points. Wm. Paul Binder, Rider, Md., exhibited Robt. Halliday. Jap. Yellow. Scored commercial scale 89, exhibition scale 87 points. Nathan Smith & Son, of Adrian, Mich., exhibited No. 57. Jap. Inc. Light yellow. Commercial scale 84 points.

BOSTON, MASS., Oct. 29.—John N. May, Summit, N. J., exhibited Meta. Jap. Inc. Light straw yellow. Commercial scale 87, exhibition scale 86 points.

CINCINNATI, O., Oct. 29.—William Paul Binder exhibited Harry A. Parr. Jap. Lemon yellow. Commercial scale 81 points.

No reports from New York or Chicago.

We promised to say more about chrysanthemums in this issue, and what we suggest may, in some small way, be useful at the shows. The great trouble at exhibitions is the stiff and formal arrangement of exhibits. There is quite a lot of hard work in building those flat and sugar-loaf mounds of plants. We have to be very careful in our calculations. This or that leaf must be just so; but, my friends, this manner of fixing things has very, very little Art about it. If we would go in for ideals, I mean if we would cut away from this old and foolish way of exhibiting our plants, we might get better results, if not from the judges, at least from the general public.

If you intend making a group of plants at the show, don't make a mound; if you take a position along the wall use a mirror for a background and arrange your plants to form a cosy arbor or grotto where you can put a rustic table and settee. I don't mean a kind of enclosure similar to summer garden scenes, but an ideal work that is not only beautiful but useful; and, mind you, it requires a great deal more artistic ability to create and properly finish such a design than those set affairs, and the public will admire it more.

If you have any Japanese trained plants, such as Retinospora obtusa nana or Podocarpus or maples you can arrange a Japanese garden. It is not necessary that you should have it exclusively Japanese, but these plants should be a prominent feature. If your group is to be in the center of the hall you can make it so that visitors may pass through it, instead of around it; people find more pleasure in walking in a bower of beautiful plants and flowers than in looking at a formal bank of foliage. We consider it one of the greatest reasons why exhibitions are failures, this formal and set manner of display in your plants and flowers, because you can generally see a show in a few minutes, and its monotonous and regimental-like formation has little to excite interest amongst ourselves, much less the public.

There are lots of chances for you to show originality and artistic ability in your group of plants, and, mind you, the same laws apply to decorations of all kinds, what with such plants as Asparagus Sprengeri, the Boston fern, and the many other fine plants, you can make pretty arcadic effects that will make an impression.

Now about dinner decorations.

There are two principal forms, one low, the other high. In chrysanthemums we have material with which we can make both these forms effective. If we go in for high effects, then we should use a vase and fix the flowers so that people may see one another beneath them. For this you must use a tall, slender vase, and the greens or foliage used must be unobstructive. When we say put your flowers in a vase, it does not mean just stick them up in a stiff bunch, but let them spread out and show their beauties. We prefer the low forms of table decorations, as they generally give more satisfaction, inasmuch as one need not stand up to see the beauty of the flowers, and remember in arranging a low decoration it does not mean that you should have your flowers six inches long and as flat as a pan-cake; oh, no, not by any means; rather to have your basket small and very low, and your flowers a reasonable length. In all cases there should be a clear view across the table.

Many may despise the mum, but it makes the finest table decoration if properly used. Use only one color, and don't mass them too thick, have your flowers reach down to the cloth, and the best to face the guests. Don't have them formal; fix one a little above the other, and it will be all the better if the space occupied is not too acute in regularity. Let a good flower or two stray out here and there, and let them have for company a spray of Japan maple or a vine of well-colored ampelopsis.

THE FLORISTS' REVIEW

G. L. GRANT, EDITOR AND MANAGER.

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NEW YORK.

The Present Situation.

Outdoor flowers, that is, from a commercial point of view, are over for this year, and it seems cruel for the wholesalers to be thankful for it, but these gentlemen are to be excused for much they do these days. As several of them informed me, they have to sit up at nights trying to solve the problem of how to keep their growers satisfied, and many will admit they have a hard road to travel, and still the growers have troubles of their own. Coal bills have to be paid and the wolf kept away in the woods.

Perhaps the long and reckless credit system is the curse of our business, for no matter how little is coming to a man, it will probably satisfy him if he can get it when he wants it; but, boys and girls, don't lose sight of the fact that this matter is also full of problems, for there is scarcely a retailer who has not on his books today thousands of dollars he cannot collect, and a lot of it he never will be able to collect, for he dare not get the reputation of suing his customers. This long credit system is a matter for careful consideration, and maybe some day it will be changed, but before it is, the custom of trusting the foreign element—one may say, mushroom florists—will have to be stopped.

The flower markets of New York are a great field for study these days. Every wholesale house is filled with thousands of poor roses, and the benches are continually adorned with thousands of wretched looking mums. Here one seldom meets an American buyer; whatever little he wants at present he orders by telephone; but one may see groups of mongrel Greeks mauling heaps of roses and filling the atmosphere and the flowers with fumes of awful cigarettes, and much of the flower business of New York today seems to depend on these Arabs, and it is nothing to the credit of American florists. Some day we may see this changed. The Fifth avenue florists have cause to complain about these Arabs, for they hang around in front of the stores with armsful of flowers and rush up to carriages, offering them to ladies at half the price they are worth. Pressure may yet be brought to bear, and a very effective way to stop this annoyance.

The Market.

Prices are a dangerous subject to write about, but then they are scarcely worth mention. It's a pity we have no show this year—that is, a show that would relieve the market. It would almost pay the Florists' Club to give a free one. Chrysanthemums are late. Very few varieties are coming in, but there is lots of rubbish. Still, we hear there will be many fine flowers for the local shows next week.

Club Notes.

There were lots of good scores made at the Florists' Bowling Club October 31. L. Hafner, fresh from the country, rolled up 167; Ed. Jansen averaged 150, whilst Burns and Lang alternated with 140 and 160. Some 179's have been made, and the boys expect to have a rousing time on the afternoon of November 14.

William H. Siebrecht, of Astoria, will give a talk on "Bulbs" at the next meeting of the Florists' Club, which will be held on above date. Mr. Siebrecht has had vast experience in growing bulbs for the New York market and a great treat is in store for all who will have a chance to be present.

D.

CHICAGO.

The Market.

The supply has shortened up somewhat and supply and demand are about equal, except as to carnations, which are rather scarce, especially white. Beauties are also shorter in supply, and prices have stiffened. In prices on other roses there are no material changes. Carnations are higher, the average run bringing $1 to $1.50, and select stock going up to $2, and occasionally higher for extra fancy. Chrysanthemums are more plentiful and prices lower. One dealer reports that the medium grades sell easier than the extras.

The shortening in supply is probably explained by the fact that during the month of October there were only seven days in which rain did not fall, and of these seven, a few were cloudy. The weather bureau says that the rainfall for October was the greatest for that month since a record has been kept.

The Exhibition.

The Horticultural Society now has possession of the Keith building, corner Wabash avenue and Monroe street, and Superintendent Rudd has a force of men at work getting it in readiness for the show. The exhibition opens next Tuesday. Both of the large floors will undoubtedly be used, as space is already a consideration. One exhibitor of decorative plants has already arranged for double the space he had last year. While a number of growers report their chrysanthemums late, and some plants may have to be shown with blooms not fully developed, there will evidently be sufficient to make a good show. The general effect will certainly be superior to that of any previous show, the building being much better suited to such an exhibition than the old armories.

The Florist Club.

The regular meeting of the Florists' Club will be held tomorrow (Friday) evening. At this meeting the new officers take hold, and there will be a discussion upon the value of exhibitions to the trade, opened by Mr. J. T. Anthony.

The annual banquet of the Club will take place at the Sherman House, Thursday, November 10, at 7:30 p. m. This is a very interesting annual event and there will be a large attendance, as usual. The judges at the exhibition will be the guests of the club and there will be a considerable number of other out-of-town visitors.

Tickets $2.00, now on sale at all the wholesale florists'.

Various Items.

Henry Wittbold has recovered from his long illness with the grippe and is rejoiced to be about again.

Bassett & Washburn are cutting some remarkably fine Ivory mums. Mr. Bassett has returned from West Baden.

Poehlmann Bros. are showing some

extra fine Bonnaffon mums. August Poehlmann is at the hospital, convalescing from a serious siege of typhoid fever.

E. C. Amling is receiving some very fine Bride roses. They would be hard to beat. He finds violets in active demand, the best bringing $1.50 per hundred.

E. H. Hunt reports a good business in both cut flower and supply departments. Mr. Hunt has been a little under the weather for the past week, but is now improving.

Geo. Wittbold is using pine needle soil for palms and ferns, and is much pleased with it. It is the accumulation of decomposed pine needles found under pine trees in Wisconsin.

Wietor Bros. say those tall, new Beauty houses are none too tall, as some of the stems are already up near the glass. The longest are now sold by the yard instead of by the foot. In carnations, Triumph stands at the head with them.

Archie Spencer reports clean sales of everything at Reinberg Bros.

Bowling.

Last Friday evening the first series of games under the auspices of the new Chicago Florists' Bowling Club were played, and following are the scores:

	1st.	2d.	3d.	Av.
G. L. Grant	153	153	216	174
G. Stollery	163	156	177	165
J. S. Wilson	164	168	160	164
E. F. Winterson	173	150	158	160
C. W. McKellar	139	164	167	156
Jno. Zech	180	123	153	152
W. Kreitling	119	164	136	139
Jno. Degnan	133	143	128	134
P. J. Hauswirth	116	139	143	132
C. Erne	114	141	...	127
C. S. Stewart	102	123	...	112
F. Stollery	126	102	105	111
Jno. Reardon	87	126	...	106
A. Henderson	105	...	...	105
C. Hughes	86	107	81	91
H. C. Rowe	63	108	102	91
J. C. Vaughan	88	...	...	88
Jos. Reeve	69	95	...	82

At the conclusion of the series it was proposed that the question of the appointment of a captain be settled by an additional game, the one making the highest score to receive the appointment. It was a hot game and furnished lots of fun, the uproar nearly equaling that at a national tournament. Following are the scores: J. S. Wilson, 199; G. L. Grant, 188; H. C. Rowe, 185; John Zech, 163; C. W. McKellar, 157; W. Kreitling, 149; P. J. Hauswirth, 148; G. Stollery, 137; Jno. Degnan, 124; E. F. Winterson, 104. Therefore, Mr. Wilson will be the captain of the team.

WASHINGTON.

The Market.

Business is improving, stock is of better quality and prices are stiffening. Roses are now 3 to 4. Mums are a glut and can be had at 4 to 6, though some fancy ones bring 6 to 10.

American Rose Co.

The establishment of the American Rose Co., which contains seven acres of glass, is situated on the slope of a hill facing the south and east, the houses rising one above the other, thus securing the full benefit of the sun. In the absence of Mr. Hugh Kane, the manager, we were courteously greeted and shown through the houses by the foreman, Mr. Geo. Pollock.

The place is devoted principally to roses, carnations and decorative plants. Their leading roses are Mme. Chatenay, of which they grow 15,000, and Golden Gate, about the same number. They also have 9,000 Kaiserin, 3,000 Meteor, and a 360 foot house devoted to experimental work with new roses. All the roses grown on benches are tied up to long wire stakes, and are in the pink of condition.

Of carnations they have 30,000, a portion of which were grown outdoors in boxes and then transferred to the houses. The use of boxes is an experiment which they are trying to make successful, but are met by a serious difficulty in the prevalence of stem-rot, probably due to the frequent waterings required during summer growth. The varieties grown are Victor, Daybreak, Triumph, Bradt, Pantlind, Jahn's Scarlet, Joost, and all the newer varieties, but not including Flora Hill. A house each of Triumph and Victor were a beautiful sight. The firm is experimenting with 4,000 seedlings, some of which are very promising. One in particular, which they tested last season, promises to excel any white carnation on the market. As yet it has not been named, though they have 10,000 planted. The growth and habit is similar to that of McGowan. The foliage is dark, stems long and wiry, and much superior to Flora Hill. The growth is stronger than McGowan and it is very free in blooming, as can be seen at a glance, some plants producing last season 140 first class blooms. This variety will undoubtedly reap a harvest for the firm when it is sent out. In all sixteen houses are devoted to carnations, the houses being 18 feet wide and from 150 to 250 feet long.

They grow 30,000 single stem mums, including some forty varieties. The first blooms of the season were from the variety Fitzwygram; later came white and yellow Monarch, Montmort, Midge and Glory of the Pacific, the latter in very fine shape. In order to save the color, a soft shell pink, they keep the plants shaded with cheese cloth.

Their two violet houses are filled with Marie Louise and Lady Campbell, and all the singles, about 10,000 plants in solid beds, the finest ever seen in this section of the country, clean, healthy and full of buds. The cut from these houses will undoubtedly help considerably to swell the bank account.

Five large houses are devoted to palms and ferns in fine shape. They are used mainly for decorations. Of Asparagus Sprengeri they grow five houses. They have just shifted some into 10 and 14-inch pans, which by Christmas and Easter will open the eyes of the boys.

They are putting in three new steam boilers of 150 and 200 horse power, one weighing 26 tons and the others 17 tons each. These will have capacity to heat the entire plant. They use coke for fuel, which they consider better and cheaper than coal.

Their entire cut of flowers is sent to their store on F street, which is under the management of Mr. W. N. Crawford, and here it is retailed or shipped. They also have a block of stands in Center market under the management of Mr. Frank Slye.

Mr. H. A. Kane, the manager of the American Rose Co., certainly deserves great credit for the fine condition of the stock at this establishment.

Visitors.

Recent visitors: S. S. Pennock, Philadelphia; S. Feast, Baltimore; Martin Reukauf, of Bayersdorfer & Co., Philadelphia.

F. H. KRAMER.

BUFFALO.

So many "mums" appeared in town last week that it made a man feel chrysanthemum, which is a worse disease than typhoid or the yellow variety.

There is no more pronounced demand for anything in our line than for violets, with which the market is as yet poorly supplied. Roses of the best quality are sent in from all quarters, and sometimes an invoice is received, soliciting an order. But this will not continue. When snowy days and bleak wintry blasts do blow, and the gentle, turtle-dove maiden and gallant youth go to their respective rendezvous, then will the good flowers be in demand.

I would say here—right here—without fear of contradiction, that our stores on Main street are sadly too numerous. What is there to keep them alive! We are not feeding on flowers. The average—yes, 92 per cent—of the populace does not spend one dollar per year on plants and flowers, and we are in a city where very few American people exist. We have a settlement of true Americans within twenty miles, but they mostly spend their energies to obtain firewater; they belong to the Iroquois or "Me-Like-It-Hot" nation, the chief of which I lately had the pleasure of interviewing.

A matter of considerable importance to us all locally is the branching out of Wm. F. Kasting into Pittsburg. Mr. Kasting has bought ont and will in future run the establishment known as the "Pittsburg Floral Exchange." Mr. Fred Stokes will be his representative. Mr. Stokes has had experience in all parts of the world, and if he does not do well in Pittsburg it will be a great disappointment to the writer. Mr. Kasting is

plucky, but if he only injects into his business in Pittsburg the same energy, the same integrity and the same wonderful business ability that have proved equally alike satisfactory to his shippers as to his purchasers, he will gain the strong confidence of all the community in Pittsburg that he undoubtedly has in Buffalo.

Before your impression can appear, unless printed in your next issue, I make an appeal to the florists of Buffalo, one and all, big and little, to help along the Floral Exhibition, for which some of us spent many unremittent hours. Show whatever you can, however small. The writer expects to be seventh or eighth in some exhibits, but that matters not. Help along a good cause. Good must come out of this flower show. It will teach, with your help and your influence, that, outside of plenty to eat and sufficient to hide our nakedness, there is little left to study but the beautiful. Our people are ready to patronize us, I know, but I take this opportunity to say that I trust, hope and beseech that the many friends out of town who have promised to help will not forget us. Our life and death depends upon it.

Several people visited us. I have no time to classify them according to their magnitude. They were: R. W. Greenlaw, representing N. F. McCarthy & Co., Boston; Max Bee tus on boxes, Dayton, O., and young Mr. Siebrecht, of H. Siebrecht & Son, New Rochelle. W. S.

ST. LOUIS.

The Market.

Business is fairly good with chrysanthemums on top. No over stock of fine specimen blooms at present; price for very best, $3 per dozen; best selling colors, white, pink and yellow. Some very fine Robinsons were noted, also some good Sunderbruch; best selling at sight at top prices, but the bulk of stock at $1.50 per dozen. The demand is increasing each day for chrysanthemum blooms. Pot plants of this flower are coming in more freely, and every store has a good stock on sale. I also noted a fine lot of plants at Union Market which sell at 25 and 50 cents each.

Roses are beginning to feel the effects, and are plentiful. Beauties, unless they are the very best, are hard to sell. Perhaps this week during the horse show quite a lot of Beauties will be used, but I am afraid the chrysanthemum will have the call. Best Meteors, Brides, Maids and Carnots, bring $3 and $5 per hundred for choice fancy stock. Perles and Wootton and seconds of the above varieties sell at $1 and $2. Beauties, $1.50 to $2.50. Some short stem stock is sold at 4 cents.

Carnations opened up scarce to-day (Monday) and were not over plentiful last week. Demand is good, extra fancy stock bringing as high as $2 per hundred, but the bulk brings $1 and $1.50.

Violets are arriving better each week. Californias are now selling at 50 cents. Small singles were 35 cents the first of last week, but dropped back to 25 cents during the latter part. Valley scarce, and brings $1; Smilax, $12.50 and $15 per hundred. No Romans in this market yet.

Notes.

Felter & Brucker, at 4335 Lexington avenue, are sending in some very fine chrysanthemum plants, about the best seen. Their cut blooms are also in fine shape. Mr. Felter is thinking of entering a lot of his plants at the show. This will be the first time they have entered for competition.

W. E. Jordan, son of J. M. Jordan, will open a retail store at 615 Locust street November 1. Willie has bought all the greenhouses from the Jordan Floral Co., and will use all his production at the store.

John Hudson has changed his mind about going in the wholesale business with Fred Foster, and will manage the store for W. E. Jordan.

Ed Beuchel, of the Riessen Floral Co., reports that they had the decoration of two large steamboats for the Druggists' Convention two weeks ago.

Fred C. Weber has one of the largest weddings of the season to furnish on November 9, which will use up a large amount of Beauties, chrysanthemums and violets.

Miss Theresa Badaracco reports business good with plenty of funeral work. The large horse shoe made by Miss Theresa at the Crawford opening was very much admired.

Mrs. M. Ayers, of the late Ayers Floral Co., has opened up temporary quarters on Grand avenue, near Olive. Their new store, a few doors south, which is not quite finished, will be very handsome. The fixtures will be white and gold, and a very attractive front with two large show windows. Mrs. Ayers, who is considered second to none among our lady artists in the city, has a large following, and will no doubt make it a paying establishment.

Mr. Frank Ellis, of the St. Louis Cut Flower Co., has been very sick

[Continued page 588.]

DREER'S SPECIAL OFFER OF PERENNIALS... ...FOR FALL PLANTING.

	Per 100
Achillea, The Pearl, 3-in. pots	$ 4.00
" Filipendula, clumps	6.00
Anthericum Liliastrum, (St. Bruno's Lily)	5.00
" Liliago, (St. Bernard's Lily)	5.00
Anthemis Tinctoria, Golden Marguerite, clumps	6.00
Anemone Japonica Alba, and Kubra, clumps	6.00
" " Whirlwind, "	6.00
Aquilegia Chrysantha, 1-year old plants	6.00
" Cœrulea, " "	6.00
" Canadensis, " "	5.00
" California Hybrids, 1-year old plants	5.00
Asclepias Tuberosa	6.00
Asters (Michaelmas Daisies), 6 choice varieties	8.00
Boltonia Asteroides, strong	5.00
" Latisquama, strong	6.00
Bocconia Cordata	5.00
Cassia Marilandica	8.00
Clematis Davidiana, 3-in. pots	6.00
Campanula, Alliæfolia, 3-in. pots	6.00
" Persicifolia Alba, clumps	6.00
" Carpathica, blue and white, 3-in. pots	5.00
" Grosseki, clumps	6.00
" Pyramidalis, 1-year old	8.00
" " 3-in. pots	6.00
Coreopsis Lanceolata, clumps	6.00
Delphinium Formosum, 1-year old	6.00
Dictamnus Fraxmella, pink and white	10.00
Digitalis Gloxinæflora, strong clumps	6.00
Doronicum Excelsum, strong	10.00
" Caucasicum, strong	10.00
Eupatorium Cœlestium, clumps	6.00
Funkia Cœrulea	4.00
" Alba	8.00
" Variegata	6.00
Gypsophilla Paniculata	6.00
Gaillardia Grandiflora, 3-in. pots	4.00
" " 4 "	6.00
" " clumps	8.00
Helenium Grandicephalium Striatum, clumps	10.00
Helianthus Multiflorus, fl. pl.	8.00
" Mollis	8.00
" Orgyalis	8.00
" Maximilliana	8.00
" Rigidus	6.00
Heliopsis Pitcheriana, clumps	6.00
Hemerocallis Aurantiaca Major	35.00
" Flava	4.00
Hemerocallis Fulva	4.00
" Kwamso, fl. pl.	6.00
Hibiscus "Crimson Eye"	4.00
Heuchera Sanguinea, 3-inch	8.00
Iris Orientalis	8.00
" Pseudo Acorus	8.00
" Kaempferi, 25 choice named sorts	10.00
" " choice mixture	6.00
" Germanica, 12 choice named sorts	6.00
" " choice mixture	4.00
Lobelia Cardinalis, 3-in. pots	4.00
" " Queen Victoria, 3-in. pots	5.00
Lychnis Viscaria Splendens, clumps	8.00
Lythrum Roseum Superbum, 3-in. pots	5.00
Lysimachia Clethroides, strong clumps	6.00
Monarda Rosea	6.00
Œnothera Speciosa	8.00
" Fraseri	6.00
" Missouriensis	6.00
Pardanthus Sinensis	3.00
Pinks, Her Majesty, clumps	5.00
" in 5 choice varieties, clumps	5.00
Pæonies (see Bulb List.)	
Platycodon Japonicum, fl. pl. (new)	8.00
" Mariesii	6.00
" Grandiflorum	6.00
Physostegia Virginica	6.00
Plumbago Larpentæ, clumps	5.00
Potentilla, double flowering in mixture	5.00
Phlox Subulata, Rosea	5.00
" " Alba	5.00
" Divaricata Canadensis	6.00
Poppies, Iceland, 3-in. pots	6.00
" Oriental, 3-in. pots	6.00
Pyrethrum Uliginosum	6.00
Primula Vulgaris (English Primrose), 3-in. pots	5.00
Rudbeckia "Golden Glow," clumps	10.00
" " " divided pieces	3.00
Sedum Acre, clumps	4.00
" Fabarium, clumps	8.00
Scabiosa Caucasica, 1-year old plants	10.00
Spiræa Ulmaria	8.00
" Filipendula, fl. pl	8.00
Statice Armeria	4.00
" Latifolia, 1-year old	6.00
Sylphium Perfoliatum, clumps	8.00
Tritoma Uvaria Grandiflora, strong clumps	10.00
Trollius Europaeus	15.00
Tricyrtus Hirta Nigra	8.00
Yucca Filamentosa	8.00

Henry A. Dreer, 714 Chestnut Street, Philadelphia.

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600,	3-inch pots	at $8.00 per 100.
2000,	4 "	at 12.00 "
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	Per 100	Per 1000
200,000 Giant Flowering Pansy Plants, 500 at 1000 rate.		$ 3.00
50,000 Geraniums, up-to-date varieties, 2-in	$2.00	15.00
5,000 Coleus, strong, 20 varieties, 2-in	1.00	8.00
5,000 Heliotropes, 4 newest " 2-in	2.00	18.00
1,000 Southern Thyme (white), 4-in	4.00	
2,000 Little Gem Feverfew, 2-in	2.00	15.00
6,000 Flowering Begonias, 20 varieties, 2-in	2.00	18.00
2,000 Flowering Begonias, bushy, 20 varieties, 3½-in	3.00	25.00
500 Gynura or Velvet Plant, 2-in	3.00	
1,000 Primula Obconica, 2-in	2.50	
200 Coleus Brownia (new), 2-in	5.00	
300 Adiantum Cuneatum, 5-in	10.00	
200 Nephrodium Cristata, 6-in	10.00	
400 The True Maidenhair Fern, 5-in	10.00	

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Clear Cypress Greenhouse Material.

This *with us* means the best growth of Cypress Lumber and the best grade of that growth; and from this grade all the sap—bright sap, which only experts can detect—as well as stained sap, knots and other defects cut out. Others do not equal our quality if they do beat our prices. It is not hard to see the reason: You can not buy gold dollars at fifty cents each. Experienced growers know that the best is not too good and cheapest in the long run.

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for some time, but is up and around again. Frank talks of taking a run up to Slater, Mo., for a week's rest.

J. M. Jordan, one of our oldest and best known florists, is reported very sick and not able to be out of bed. The last report was that he was somewhat better, but still a very sick man.

Our visitor this week is S. S. Skidelsky, selling palms and florists' supplies. Mr. S. reports trade good in his line.

Executive Committee Meeting.

The executive committee held a meeting Saturday night at Jordan's. All arrangements as to decorating the hall have been made. The committee on decorating are requested to be at the Coliseum next Sunday morning. The advertising committee reported arrangements had been made in regard to advertising the show. The large canvas sign has been placed at Twelfth and Olive streets, size of sign, 18x25 feet. The judges will be appointed at next meeting of committee, which will be next Thursday afternoon at 2 o'clock. It was also decided to judge all plants, cut flowers, table decorations and designs by a scale of points.

Bowling.

The Bowling Club had a slim attendance on Monday night. Only five members showed up at rolling time and rolled six fair, average games. Mr. S. S. Skidelsky came in and rolled the last five games with us. This ended the October series. The Club will not roll on next Monday night, as all hands will be too busy making preparations for the show, which opens on Tuesday night. Following are the scores and averages of the six games rolled:

	1	2	3	4	5	6	To.	Av.
J. J. Beneke	172	166	193	143	137	153	961	160
D. Finlason	168	147	130	154	141	129	859	143
C. A. Kuehn	187	122	144	140	113	120	826	138
E. Schray	119	130	179	133	135	110	756	126
F. Fillmore	119	82	111	130	156	122	720	120
S. Skidelsky	70	89	89	63	81	392	78	

J. J. B.

HEATING DELIVERY WAGONS.

Several Chicago florists heat their plant delivery wagons in winter with what is known as the "Lehman heater," and find it very satisfactory and not expensive. These heaters consist of a metallic case in which is a drawer. There are supplied with the heater suitable sized pieces of a composition called "Lehman's coal." A piece of this is placed in the fire until it is heated to redness and is then placed in the drawer of the heater, which will give off heat for from 12 to 14 hours. One of these heaters will keep frost out of a tight covered wagon during an ordinary delivery in not too severe weather if the wagon is warm to start with, and two heaters will make safe delivery possible in very sharp weather. These heaters are made by Lehman Bros., 10 Bond St., New York. Mr. James W. Erringer, 297 Wabash ave., Chicago, is western sales agent.

REINBERG BROS.

600,000 FEET OF GLASS.

Wholesale Growers of

Cut Flowers

We can fill all orders on short notice with all leading varieties of Roses and Carnations. We are headquarters for fine .....

AMERICAN BEAUTIES.

Give us a trial and convince yourself.

51 Wabash Ave., CHICAGO

WHOLESALE PRICE LIST.

CHICAGO, November 1, 1898.

AMERICAN BEAUTY		
Extra long stem	per doz.	$3.50 to $4.00
24-inch stem	"	2.50
20 "	"	1.50 to 2.00
15 "	"	1.25 to 1.50
12 "	"	1.00
8 "	"	.75
METEOR	per 100.	$3.00 to 4.00
BRIDESMAID	"	3.00 to 4.00
BRIDE	"	3.00 to 4.00
KAISERIN	"	3.00 to 4.00
PERLE	"	2.00 to 3.00
CARNATIONS	"	1.25 to 1.50
fancy	"	2.00 to 3.00

All other stock at lowest market prices. No charge for packing.

Mention The Review when you write.

LONG'S Palms, Ferns, ...House Plants

AND HOW TO TREAT THEM.

A New 16-Page Booklet Catalogue, for the use of customers.

IT IS INTENDED AS AN AID IN SELECTING PALMS AND HOUSE PLANTS AND A GUIDE TO THEIR TREATMENT.

Freely Illustrated, and in method most practical. Artistic in make up, and adapted to a small or large business. Low in Price. .....SAMPLE FREE.

DAN'L B. LONG, Publisher, BUFFALO.

Mention The Review when you write.

M. RICE & CO. NEW ILLUSTRATED CATALOGUE FOR THE ASKING.

Exclusive Importers and Manufacturers of Florists' Supplies

25 N. Fourth Street, PHILADELPHIA, PA.

Mention The Review when you write.

YOU CAN BUY all your trade supplies to the very best advantage from advertisers in The Florists' Review, and at the same time advance the interests of your paper.

IF YOU want to buy you will find it to your advantage to buy of the advertisers in The Review. If you want to sell, you will find it to your advantage to advertise in The Review.

CHICAGO, Nov. 3, 1898.

ROSES

Beauties, long	per doz.	$2.00—$3.00
" medium	"	1.50— 2.00
" short	"	.75— 1.00
Brides, Maids	per 100,	2.00— 4.00
Perles	"	2.00— 3.00
Meteor and Kaiserin	"	2.00— 4.00
Roses, 2nds average about.	"	2.00

CARNATIONS

All the leading standard sorts—highest grade, per 100		$1.50—$2.00
Triumph, Painted Lady, Albertini, Jubilee, Armazindy, Keller and others	per 100,	2.00— 4.00

Prices quoted are for good prime stock. Extra Select, and inferior quality charged for according to value.

MISCELLANEOUS

Alyssum	per 100,	$ .25
Chrysanthemums	"	4.00—25.00
Marguerites	"	.50
Valley, good home grown.	"	5.00
Violets, double	"	1.00— 1.25
" single	"	.75— 1.00

DECORATIVE

Asparagus	per string.	$ .50
Ferns, common	per 100,	.15
" "	per 1000, $1.25	
" Maiden Hair, Ex. Fancy	"	1.0
" " ordinary	"	.75
Galax, green, new crop	"	15
" " "	per 1000,	1.00
Leucothoe Sprays, per 100, 60c;	"	5.00
Smilax, good	per doz. $1.20 to	1.50
" Wild, parlor brand, case.	"	3.75
" Medium, case	"	5.50
" Large, "	"	8.00

As it is yet too early to carry Wild Smilax in stock four days' notice is necessary.

Carnations
OUR SPECIALTY

Quotations Subject to Change Without Notice.

Write for prices on large quantities for special occasions.

Regardless of prices quoted we always fill out at lowest market rates.

P. & D. AT COST.

☞ **Use the code. It will save you money. We know what it means. Get your orders in as early in the day as possible.**

"Mum's the word"
BUT WE CAN'T keep still.

If you want to know where to get GOOD MUMS and buy them right, try

E. C. AMLING,

W. S. HEFFRON, Mgr. 51 Wabash Ave., CHICAGO.

Store open from 7:00 A. M. until 6:30 P. M
Sundays and Holidays, closed at noon.

For Immediate Delivery
Amoor Privet and Hardy Lemon, best hedge plants.
5,000 Gardenia Florida, ... 5,000 Oranges, dwarf grafted sorts, 15,000 Camphor.
500 Ficus Elastica, 10,000 Latania, 1,000 Phoenix Reclinata, 6-inch,
100,000 Cannas, leading sorts at $15 per 1000.
10,000 Biota Aurea Nana.
5,000 Rare Conifere. Roses, field-grown, on own roots and budded. An immense stock of Ornamental and Fruit Trees.

SEND FOR TRADE LIST.

P. J. BERCKMANS CO., - - Augusta, Ga.

Mention The Review when you write.

Palms
ARECA LUTESCENS,
COCOS WEDDELIANA,
KENTIA BELMOREANA,
LATANIA BORBONICA.

For Sizes and Prices See Florists' Review, September 29th, Page 477.

Joseph Heacock, Wyncote, Philadelphia, Pa.

Mention The Review when you write.

INSURE AGAINST IN THE FIRE
Florists' Mutual
Fire Insurance Ass'n.

ADDRESS W. J. VESEY, Sec'y,
FORT WAYNE, IND.

Mention Florists' Review when you write.

J. M. THORBURN & CO.
Late of 15 John Street, Have
REMOVED TO 36 CORTLANDT STREET, NEW YORK.

CATALOGUE OF BULBS AND CHOICE FLOWER SEEDS for Florists now ready and mailed free on application.

Mention The Review when you write.

SPHAGNUM MOSS.
A very select quality, 75c per bale, ten bales, $6.00. Grown and packed by

M. I. LYONS, Babcock, Wis.

Write for prices on car lots.

Mention Florists' Review when you write.

Lettuce Plants,
BIG BOSTON.

BOSTON MARKET, TENNIS BALL, GRAND RAPIDS. Extra strong plants in unlimited quantities. 25c per 100, by mail; $1.00 per 1,000 by express. Cash with order, please

R. VINCENT, Jr. & SON.

White Marsh P. O., Baltimore Co., Maryland

Mention Florists' Review when you write.

THE REGAN
... PRINTING HOUSE ...
Nursery Seed Florists'
Catalogues
87-91 Plymouth Place, Chicago.

INTERNATIONAL COMPETITION.

Last year the international competition at the Chicago exhibition proved a very interesting feature and it will be repeated at the coming show. Competition is invited from each state, territory and Canadian Province in 12 chrysanthemum blooms in 12 varieties. A prize of $6 will be awarded to the best dozen from each state, territory or province. Then the prize-winners from each state, etc., will come in competition for a grand prize of $50. The judging in these classes will be by the following scale of points: Color, 25; Form, 20; Fullness, 15; Stem and Foliage, 15; Size, 15; Petallage, 10. This competition takes place the opening day of the exhibition, Tuesday, November 8.

The competition in roses takes place Wednesday, November 9, that in carnations on Thursday, November 10, and in seedling chrysanthemums and carnations on Friday, November 11.

The revised premium list has now been issued, and copies may be had on application to W. N. Rudd, room 202, 185 Dearborn street, Chicago.

SYRACUSE, N. Y.—Mr. Grove P. Rawson, of Elmira, has been selected to act as judge at the coming exhibition.

IT WILL BE to your advantage to mention The Florists' Review every time you write an advertiser.

WANT ADVERTISEMENTS.

FOR SALE—3,000 feet of glass; no opposition. Write for particulars. R. S., care Florists' Review.

WANTED—Situation in cut-flower store by lady of middle age. Thoroughly competent. Six years' experience. Address P., care of Florists' Review.

WANTED—A man to take charge of a section of rose houses; call at 51 Wabash Ave., Chicago.

FOR SALE—Elegant florist store; South Side; finest trade; investigate. Address South Side care of Florists' Review.

WANTED—Experienced partner for swell florist store; South Side; investigate. Address Partner, care of Florists' Review.

SITUATION WANTED—By a lady florist, in a flower store. Eight years' experience in selling flowers and making up of designs. Very best of recommendations. Address Vita, care Florists' Review.

SITUATION WANTED—As foreman, by a first class grower of roses and cut flowers; only a first class place wanted; good wages expected; best of references; open for an engagement now or any time later. Address Grower, care of Florists' Review.

FOR SALE—Four greenhouses, nearly new. Good retail stand. A. CLAUS, Springfield, Ill.

FOR RENT OR SALE—First class retail stand, 5,000 feet of glass. New. In city. Ought to net good man at least $3.00 per day. Must buy stock, about $500.00. Reason for selling, failing health. Address "Illinois," care Florists' Review.

FOR SALE. A well established and paying FLORIST BUSINESS, with ten to thirty acres. 17,000 square feet of glass. Good residence and houses for help; everything in first class condition. Abundance of water. Situated near one of the largest cities in California. Ill health and a desire to retire from business cause for selling.

For full particulars and price, address

Lock Box 720, - LOS ANGELES, CAL.

ORDERS BOOKED NOW FOR...

We Have a Fine and Large Stock of Palms and Ferns...

Bouquet Green,
Bouquet Green Wreathing,
Best Select Delaware Holly,
Wild Smilax, Mistletoe, etc.

SEND FOR SAMPLES AND QUOTATIONS.

Ellis & Pollworth, 137 Oneida St., Milwaukee, Wis.

Mention The Review when you write.

Bassett & Washburn

88 Wabash Ave., CHICAGO, ILL.

Wholesale Growers of and Dealers in **CUT FLOWERS**

Greenhouses at Hinsdale, Ill.

Mention The Review when you write.

Lauch WHOLESALE FLORIST. 19-21 E. RANDOLPH ST. CHICAGO

Our prices are as low as any and our stock superior. We ask for a trial order.

Mention Florists' Review when you write.

A. L. RANDALL

Telephone 1496

Wholesale Florist

4 Washington St., Chicago.

In our new and enlarged quarters we are better prepared than ever to handle your orders.

Mention The Review when you write.

Full Line of Wire Designs and Florists' Supplies **S. B. WINTER**

Successor to Winter & Glover

Write for Illustrated Catalogue.

21 Randolph St. CHICAGO.

HIGH GRADE Cut Flowers

Properly Packed and Promptly Forwarded.

Mention The Review when you write.

WHOLESALE GROWER OF ROSES. DEALER IN CUT FLOWERS.

J. A. BUDLONG,

37-39 Randolph St.. CHICAGO, ILL.

Mention The Review when you write.

Cincinnati Cut Flower Co.

W. A. MANN. FRANK W. BALL.

416 Walnut St. CINCINNATI, O.

Wholesale Florists

Consignments Solicited. Special Attention Given to Shipping Orders.

WIETOR BROS.

SUCCESSORS TO Rogers Park Floral Co.

WHOLESALE GROWERS OF **Cut Flowers**

All telegraph and telephone orders given prompt attention.

51 Wabash Ave. - CHICAGO.

Mention Florists' Review when you write.

A. G. Prince & Company Agents for..... HINSDALE ROSE CO.

Telephone .....Main 3208

WHOLESALE CUT FLOWERS AND FLORISTS' SUPPLIES

88 and 90 Wabash Ave., - Chicago

Mention The Review when you write.

C. A. KUEHN WHOLESALE FLORIST

Cut Flowers and Florists' Supplies.

Manufacturer of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.

1122 PINE STREET, ST. LOUIS, MO.

ST. LOUIS Cut Flower Co.

Wholesale Florists,

1322 Pine St., ST. LOUIS, MO.

Mention The Review when you write.

ELLISON & TESSON,

WHOLESALE SHIPPING

FLORISTS

3134 Olive Street, ST. LOUIS, MO.

...Home Grown Stock...

Mention Florists' Review when you write.

C. W. WORS,

2740 Olive Street, - - ST. LOUIS, MO.

Flowers at Wholesale

ROSES, and a full line.

Headquarters for the Southwest.

KENNICOTT BROS. Co.

Wholesale Cut Flowers AND FLORISTS' SUPPLIES,

Long Distance Telephone Express 466.

CHICAGO, November 3, 1898.

	P. AND D. AT COST.	PER 100.
AMERICAN BEAUTIES,	long	$18.00 to $25.00
" "	medium	12.50 to 15.00
" "	short	6.00 to 8.00
BRIDES, METEORS, MAIDS		2.00 to 4.00
PERLES		2.00 to 3.00
ROSES, our selection,		**$2.00**
CARNATIONS, common		.75 to 1.00
" fancy		1.25 to 2.00
VALLEY		4.00 to 5.00
VIOLETS		1.25
CHRYSANTHEMUMS		10.00 to 25.00
ADIANTUM		.75 to 1.00
SMILAX		10.00 to 12.50
FERNS, common		.20
" "	per 1000	$1.50
MUMS, "		4.00 to 8.00

88 Wabash Avenue, Rooms 22 and 23, CHICAGO, ILL.

Above prices subject to change without notice. All Flowers in season at lowest market rates. FLORISTS' SUPPLIES and WIRE WORK a specialty. On WIRE GOODS we can discount OUR OWN OR ANY OTHER LIST. Write for particulars. Store open week days until 6:30 P. M. Sundays and Holidays until noon only. Respectfully yours,

Mention The Review when you write.

KENNICOTT BROS. COMPANY.

Chrysanthemums AT... MODERATE PRICES

We have a very choice lot, all grown to single stems, and for the coming week will have

Bonnaffon, extra fine yellow, $2.00 per doz. Mrs. Perrin, extra fine pink, $2.00 per doz. Ivory, Pink Ivory, Mrs. Bassett, Mrs. H. Robinson, and many others, all good sized flowers, at $1.00, $1.25 and $1.50 per dozen.

Bassett & Washburn, ...STORE... 88 Wabash Ave., Chicago

GREENHOUSES: HINSDALE, ILL.

Mention The Review when you write.

Pittsburg Cut Flower Co., Ltd.

No. 705 PENN AVE., PITTSBURG, PA.

WHOLESALE CUT FLOWERS.

Long Distance Telephone 2157. Consignments of Choice Stock solicited

Mention The Review when you write.

...LOUISVILLE...

Florists' Supply and Exchange

Wholesale Florists and dealers in Florists' Supplies

Special facilities for shipping south. Unequaled returns for good stock. Open night and day.

520 W. Jefferson St., Louisville, Ky.

Mention The Review when you write

Maplewood Cut Flower and Plant Co.

GEO. M. KELLOGG, Pres.

Growers of CUT FLOWERS at Wholesale.

Regular shipping orders given special attention. We have the largest plant west of Chicago.

Store: 906 Grand Ave., KANSAS CITY, MO. Greenhouses; Pleasant Hill, Mo.

Mention Florists' Review when you write.

HOLTON & HUNKEL CO.

Wholesale Florists And Florists' Supplies.

Phone 874. WIRE DESIGNS—OUR OWN MAKE

457 Milwaukee St.

P. O. Box, 103. Milwaukee, Wis.

Mention The Review when you write.

Adiantum Farleyense, 3-in. pots, $20.00 per 100; 4in. pots, $35.00 per 100.

CYCLAMENS, assorted, best, 3-in., $6.00 per 100.

SAMUEL MURRAY,

Successor to Probst Bros. Floral Co..

1017 Broadway, - KANSAS CITY, MO.

Mention The Review when you write.

HARDY CUT FERNS.

Write for Prices.

FANCY DAGGER

L. B. BRAGUE,

Oldest, largest and most reliable dealer in the U. S. HINSDALE, Mass.

Mention Florists' Review when you write.

FIELD-GROWN... Carnations

READY NOW.

Scott and McGowan at $5.50 per 100.
Genesee, $12.00 per 100.

Rubber Plants, Ficus Elastica, 5-inch, at $5.00 per dozen.

Asparagus Sprengerii, $6.00 per 100

Primroses, $4.00 per 100.

Smilax, $2.00 per 100, field grown.

Hydrangeas, $30.00 per 100.

Vinca Variegated, $5.00 per 100.

WM. F. KASTING,

495 Washington St., BUFFALO, N. Y.

Mention The Review when you write.

Mums Stock Plants $1.00 per doz.

CASH WITH ORDER.

WHITE	PINK	YELLOW
Lady Fitzwygram	Glory of Pacific	Marion Henderson
Mrs. H. Robinson	Mrs. Perrin	Golden Trophy

E. H. Blameuser, Niles Centre, Cook Co., Ill.

Mention The Review when you write.

Brilliant Green and Bronze

GalaxLeaves

CHAS. H. RICKSECKER, Linville, Mitchell Co., N. C.

Mention The Review when you write.

BOSTON.

Review of the Market.

Another chrysanthemum week, with all kinds of flowers very much in evidence and with demand very light, but even with the dull feeling, a large quantity of bloom changes hands daily, although quite a share are sold on private terms. As is usual at this time of the year, roses seem to get hit the worst, and in many cases the first offer takes the lot. Brides and Maids range from $2 to $6, with a few Kaiserins offered at $8 per hundred. Carnots sell at about the same as last quotations, while Beauties range anywhere from 50 cents to $3 per dozen.

Carnations are plenty enough to supply the demand, with prices on the poorer grades slightly lower. Common varieties are held from 75 cents to $2 per hundred; fancies still bring $3 and $4.

Chrysanthemums are selling fairly well. White varieties are in the majority, prices asked being from 75 cents to $1 per dozen, with some sales made at much lower figures. Colored are not so plenty, and bring higher prices, $1.50 per dozen being about the limit.

Valley is still held at $4 for average quality, with some very choice bringing $6 per hundred. Tuberoses not so plenty; 50 cents per dozen stalks is the price. Candy tuft and cosmos comprise the odds and ends, put up in 25-cent bunches. Violets remain about the same.

News Items.

Allen Pierce is once more on deck, and is selling mums and carnations, with a military preciseness that is quite startling.

The last day of October, and not enough frost yet to kill heliotrope! Something unprecedented for this section.

It is rumored that Thomas F. Galvin has purchased the entire stock of Peter Fisher's famous carnation, Mrs. Thomas. W. Lawson. P.

HUNT'S REVIEW OF THE CHICAGO MARKET.

The past few bright days have affected stock to a wonderful degree, almost overcoming the effects of the dark, rainy days of the Jubilee week and just after. There is still a shortage in extra select roses, especially Brides, while the medium grade is in fair supply.

The chrysanthemum is, if anything, more plentiful, though some very choice blooms are being received, such as Viviand-Morel, Mrs. Robinson, Yellow Queen, Glory of the Pacific, and Kalb. Violets are still in lively demand and reach good figures. Valley is short and the price ranges from $4.00 to $7.00.

The week shows vast improvement helped out to a large extent by the New Orleans trade, which took a vast amount of stock from this market.

Chicago, Nov. 2, 1898.

C. C. MORSE SERIOUSLY ILL.

MINNEAPOLIS, MINN., Nov. 2.—C. C. Morse, the well known California seed grower is seriously ill in this city.

SAMUEL S. PENNOCK,
Wholesale Florist,
LONG DISTANCE TELEPHONE
1612-14-16 Ludlow Street, ...PHILADELPHIA, PA.

Mention The Review when you write.

EXTRA HEAVY CLEAN ...STOCK...

Kentia Belmoreana
6-in., 5 to 7 leaves, $15.00 to $24.00 per dozen.
5-in., 5 to 6 leaves, $12.00 per dozen.

Kentia Forsteriana
6-in., 5 to 6 leaves, $12.00 to $18.00 per dozen
5-in., 4 to 5 leaves, $ 9.00 to $12.00 per dozen.

Field-Grown Carnations
A fine lot ready for delivery.

THE COTTAGE GARDENS,
QUEENS, N. Y.
Mention Florists' Review when you write.

PANSIES Worth Raising.
Excellent Seed.
3-16 oz., $1.00; 1 oz., $4.00. Up in 8 to 10 days if properly treated. **Fine Stocky Plants,** $1.00 per 1000, F. O. B. express. Cash with order.
C. SOLTAU & CO.,
199 Grant Ave., JERSEY CITY, N. J.
Mention The Review when you write.

WANTED!
1,000 Cineraria Plants in exchange for Sword Ferns in 3, 4 or 5-in. pots. Write
GEO. A. KUHL, Pekin, Ill.
Mention The Review when you write.

Cut Flower Exchange,
404 - 412 East 34th St., New York.
NEAR THE FERRY.
Open Every Morning at 6 o'clock for the sale of CUT FLOWERS.
Wall space for Advertising purposes to Rent.
J. DONALDSON, SECRETARY.
Mention The Review when you write.

KELSEY'S SOUTHERN
Galax Leaves
Brilliant Green and Bronze.
Information of the Introducer,
HARLAN P. KELSEY,
Prop. Highlands Nursery in North Carolina. 1150 Tremont Bldg., BOSTON, MASS.
Mention The Review when you write.

L. C. BOBBINK.....
RUTHERFORD, N. J.
Representative Wholesale Grower in France, Belgium and Holland. Send for Catalogues.
Mention The Review when you write.

GIVE US A TRIAL WE CAN PLEASE YOU.

ROSES, CARNATIONS, and All Kinds of Seasonable Flowers in stock.
WM. F. KASTING, Wholesale Commission Florist,
495 Washington St., BUFFALO, N. Y.
Also Dealer in Florists' Supplies and Wire Designs.
Mention Florists' Review when you write.

WM. J. BAKER,
WHOLESALE CUT FLOWERS,
1432 S. Penn. Square, PHILADELPHIA, PA.
Original Headquarters for CARNATIONS.
Mention Florists' Review when you write.

WM. C. SMITH
Wholesale Florist,
1604 Ludlow St. PHILADELPHIA.
LONG DISTANCE PHONE.
Consignments of Choice Stock Solicited.
Our central location enables us to fill out-of-town orders at short notice.
Mention Florists' Review when you write.

EDWARD REID,
LONG DISTANCE PHONE.
Wholesale Florist,
1526 Ranstead St., PHILADELPHIA, PA.
Mention The Review when you write.

H. Bayersdorfer & Co.
THE LARGEST SUPPLY HOUSE IN AMERICA
New Catalogue of all Florists' Supplies on application. For the trade only.
50 to 56 N. 4th Street, PHILADELPHIA, PA.
Mention Florists' Review when you write.

Always Mention the....
Florists' Review
When Writing Advertisers.

FLORISTS' SUPPLIES

To the TRADE only.

HUNT'S WEEKLY QUOTATIONS

Taking effect Thursday, Nov. 3, 1898.

Subject to Change Without Notice.

We are Headquarters for CUT FLOWERS.

ROSES.

Good stock scarce.

Beauties, long	per doz.	$2.00—3.00
" medium	"	1.00—1.50
" short	"	.50—1.00
Brides	per 100.	3.00—4.00
Kaiserin	"	4.00—5.00
Maids	"	3.00—4.00
Meteors	"	3.00—4.00
Perles	"	2.00—3.00
Our selection	"	2.00

CARNATIONS.

Fancy	per 100.	$2.00—3.00
Selected Stock	"	1.50—2.00
Good	"	1.00—1.50

GREENS.

Asparagus	per string.	$ .50
Ferns—Adiantum	per 100.	.75
Common Fancy	per 1,000.	1.50
Smilax	per doz.,	1.25—1.50

Wild Smilax, can supply on 4 days' notice. Large case $8.00; Medium 5.50; Parlor Brand 3.75

Galax Leaves, green, $2.00 per 1000.

MISCELLANEOUS.

Chrysanthemums ordinary	per doz.	$ .75—1.50
" extra	"	1.50—3.00
Callas	"	1.00—1.50
Valley	per 100.	5.00
Tuberose Stalks	"	6.00
Ivy Leaves	"	.60
Alyssum	"	.15
Violets	"	.75—1.25

HUNT'S FLOWERS GO EVERYWHERE.

☞ Special Attention given to the Shipping Trade.

For QUALITY, PROMPTNESS and PRICE we have always been in the lead. We are HEADQUARTERS for all Florists' needs and carry the largest stock in the West.

Note a few of our prices.

Cape Flowers, good quality, white, 60c per lb.; colored, best shades, $1.50 per lb.

Bone Meal, absolutely pure, free from acid and ground fine; 50 lbs., $1.00; 100 lbs., $2.00; 200 lbs., $3.50; 500 lbs., $8.00; 1,000 lbs., $15.50; 2,000 lbs. (one ton), $30.00.

Rubber Hose, Whirlpool, manufactured especially for greenhouse use, an **extra fine** hose at a **low** price, 100 feet, $10.00.

Hose Couplers, the **Acme,** quick, neat and no **twisting** of the hose. **Send for prices.**

Immortelles, natural yellow, per doz., $2.00; per 100, $15.00; colored, purple, scarlet, pink, lavender, blue, white, etc., per doz., $2.50; per 100, $18.00.

Florists' Knives, genuine **Saynor,** budding, each $1.00.

Boston Letters. We are agents for these. Buy at headquarters. The best letter in the market. Per 100, $2.00.

Sphagnum Moss, good, clean; each bale **weighs over 40 lbs.,** per bale, $1.00; 12 bales, $9.00.

Sheet Moss for Windows, per bale, 50c.

Tissue Paper, per ream of 480 sheets, 40c per bundle, 10 reams, $3.50.

Putty Bulbs, Scollay's, each 80c; per doz., $8.25.

Raffia, for tying, clean long strings, per lb., 15c; 10 lbs., $1.30; 100 lbs., $12.00.

Ribbon, Santa Maria and Honesty. Send for price and samples; both sure to please.

Thermometers, all styles. We especially recommend **tin case** for greenhouses as accurate; each 12c; 12 for $1.20.

Tin Foil, regular grade, 10 lbs., $1.00; 50 lbs., $3.75; 100 lbs., $7.25. **Terms Cash.**

Wire, annealed. Send for latest quotations, they are **very** low.

We make no charge for packing, and deliver goods on board cars in Chicago, free. We carry in stock everything a Florist needs and send catalogue upon application. We solicit your patronage.

E. H. HUNT,

76-78 Wabash Ave., CHICAGO, ILL.

Should be pleased to have you make our place your headquarters during the 'Mum Show, November 8th, 9th, 10th, 11th and 12th.

PHILADELPHIA.

Business Conditions.

Peace Jubilee week, the greatest week in the history of our city, is over, and we florists had a real good time. Business was, however, very unsatisfactory. You would hear how H. H. Battles had the table decorations for the dinner given to the President; how Hugh Graham decorated the Academy for the reception given the same distinguished guest, and other like stories. But the vast majority of the retailers, however, had little to do. Most of them took a half holiday on Thursday and some of them on Friday. The result was that what stock was sold was on the street. All the growers regard these sales as simply covering a loss, hence there was really no business most of the week. The street men offered carnations at 10 cents a dozen and roses at 2 cents each, 3 for 5 cents. They did not seem to have many good violets.

Chrysanthemums are becoming more plentiful and make a very pretty show in the store windows. The present week brings All Saints' Day, with its demand for cemetery decorations, sometimes the choicest flowers being used in this way. There are still many visitors in town, which should cause some quiet entertaining.

Notes.

The lease of the city gas works by the U. G. I. affects the fuel supply of some of the growers. F. Hahman finds that ninety bushels of coke bought now do not more than equal sixty bushels under the careless system of measuring formerly practiced by the city employes. The price also is not allowed to drop, but is held firmly at 5 cents a bushel. It is said that some of the growers who have been burning coke will substitute coal.

The removal of David Landreth & Sons from Sixth street to their handsome new store brings the neighborhood of Tenth and Market streets into greater prominence as a seed, bulb and implement headquarters. The pioneer seedsmen in this locality failed, but now we have Michell, Buist and Landreth, all in successful operation, with Burpee, Dreer and Watson not far off.

A most attractive program of a Chrysanthemum and Floral Exhibition to be held by the St. Louis Florists' Club has reached this city. Philadelphia wishes Mr. Beneke and his colleagues success in their undertaking.

J. W. Y.

GREENFIELD, MASS.—A chrysanthemum show will be held here early in November under the direction of Edward B. Beals, the florist.

WHENEVER you need any rade supplies not offered in our advertising columns, write us about it. We will place you in communication with some one who can supply what you want.

MUMS

Order of us if you want **Extra Select**

Months ago we made arrangements with some of the best and largest growers about Chicago to handle their entire cut of Chrysanthemums: **Glory of Pacific, Ivory, Yellow Queen, Wanamaker, Viviand-Morel, Bonnaffon, Frank Hardy and others.** and

THEY'RE COMING IN.

Now we're looking for buyers for splendid blooms at from **$1.25 to $2.50 per dozen.** Every order shipped within two hours of its receipt at any time. **WE GUARANTEE SATISFACTION.**

WE ALSO HAVE A FINE STOCK OF ROSES AND CARNATIONS.

J. A. BUDLONG, 37-39 Randolph St. **CHICAGO.**

Mention The Review when you write.

PALMS

ETC.

Areca Lutescens, Latania Borbonica, Kentias, Bel. and Forst. Cocos Weddeliana, Livistona Rotundifolia, Phoenix Reclinata and Rupicola, Ficus Elastica and Elastica Var. Pandanus Veitchii and Pandanus Utilis, Dracaena Sanderiana, etc.

Hardy, stocky and Perfect. An immense stock of all sizes up to elegant specimens. If you do not know the quality of my stock ask some one who does. I can guarantee satisfaction as to quality, prices and everything.

SEND FOR WHOLESALE PRICE LIST.

CHAS. D. BALL, Holmesburg, Philadelphia, Pa.

Mention The Review when you write.

Surplus Field Grown Carnation Plants..

Clean, healthy, strong plants with plenty of roots.

White Cloud, white.	C. A. Dana, pink.
John Young, "	Dazzle, scarlet.
Mary Wood, "	Jubilee, "
Storm King, "	Gold Nugget, yellow.
New York, pink.	Psyche, variegated.
Painted Lady, pink.	Lily Dean, "
Mrs. C. H. Dubme, pink.	Meteor, crimson.

Send for Price List.

F. DORNER & SONS CO., LaFAYETTE, IND.

Mention Florists' Review when you write

E. G. HILL & CO.

RICHMOND, IND.

Armazindy Carnation... 1st Size, $3.00 per 100.

Mention The Review when you write.

Pandanus Veitchii,

20 to 24 inches above pot, 7-in., $1.50 each.
24 to 30 " " " 8-in., 2.00 "

Also specimens 3 to 4 feet above 9, 10 and 12-inch pots.

JOHN WELSH YOUNG, Germantown, Pa.

Upsal Station, Penna. R. R.

Mention The Review when you write.

CARNATIONS.

Kathleen Pantlind, strong plants, $10.00 per 100.
Red Wave, " " " 7.00 "

HOPP & LEMKE,

(Paul Post Office) **East Grand Rapids, Mich.**

Mention Florists' Review when you write.

CARNATIONS.

H. WEBER & SONS, - OAKLAND, MD.

BARGAINS IN SHRUBBERY AND EVERGREENS

All first-class transplanted stock at tempting prices. Send for Surplus List.

E. S. PETERSON, - - Montrose, N. Y.

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WIETOR BROS.

...WHOLESALE GROWERS OF...

Cut Flowers

We are Headquarters for....

... OF ...

CARNATIONS

.....We grow 50,000 plants of all the leading varieties, and they cannot be surpassed.

American Beauties

of which we cut from 2,000 to 3,000 daily. Our BRIDES, METEORS, MAIDS and PERLES were never better.

REGULAR SHIPPING ORDERS WILL RECEIVE SPECIAL ATTENTION.

WIETOR BROS.

51 Wabash Ave.

CHICAGO, ILL.

A Great Bargain.

Hardy Phlox, assorted from 3½-inch pots, $4.00 per 100.

Cuphea, Segar Plant, 2-in. pots, $1.00 per 100.

Rudbeckia, Golden Glow, from 3½-in. pots, $4.00 per 100.

Achillea, The Pearl, from 3½-in. pots, $4.00 per 100.

Coreopsis Lanceolata, from 3½-inch pots, $4.00 per 100.

Grevillea Robusta, 8 in. high, $4.00 per 100.

Statice Armeria, from 3½-inch pots, $4.00 per 100. CASH, PLEASE.

Edward B. Jackson, STAMFORD, CONN.

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Carnations.

To plant after Early 'Mums.....

Several thousand that are stored in frames and have not been frosted. McGowan, Wm. Scott, Daybreak, Alaska, Mapledale, Pingree, C. A. Dana, Portia, Triumph, Rose Queen, Eldorado, Della Fox, The Stuart, Mrs. C. H. Duhme, etc.

Price $4.00 per 100.

N. SMITH & SON, Adrian, Mich.

Mention Florists' Review when you write.

Carnations!

All the new and leading varieties. Contracts for rooted cuttings made now. Send for prices stating what you want. Geo. Hancock & Son, Grand Haven, Mich.

Mention The Review when you write.

Chrysanthemum Stock Plants,

ALL THE BEST STANDARD AND NEW VARIETIES.

Asparagus Sprengerii

in Six, Eight, Ten, Twelve and Fourteen Inch Pans.

Send for particulars and prices.

American Rose Company, Washington, D. C.

Mention Florists' Review when you write.

Carnation Plants!

FIELD-GROWN.

200 Daybreak 150 Red Wave
150 Tidal Wave 100 Emily Pierson
Fine Large Plants, $3.00 per 100.

A. G. PRINCE & CO.

88-90 Wabash Ave. CHICAGO.

Mention Florists' Review when you write.

FLORA HILL Carnations.

Fine, extra strong and healthy field-grown plants of this A1 variety, $8.00 per 100, $70.00 per 1,000. Cash with order.

CLIFFE'S GREENHOUSES,

Germantown, PHILADELPHIA, PA.

Mention The Review when you write.

Last Call.

Do You Want Them? All First Class and Protected.

500 Carnations—McGowan, Portia and Ophelia, $4.00 per 100 or $15.00 for lot; 1,000 California Violet Clumps, $3.00 per 100; 500 Lady Campbell Clumps, $5.00 per 100; 1,000 Lady Campbell, pots, $2.50 per 100; 1,000 Swanley White, pots, $3.00 per 100; 200 Allen's Defiance Mignonette, pots, $2.00 per 100; 10,000 Clumps Cannas, low, best sorts; 10,000 Rooted Cuttings. What do you want?

BENJ. CONNELL, Florist, WEST GROVE, PA.

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LAST CALL?

We Still Have

500 Scott. 100 Bridesmaid.
300 Rose Queen. 1,000 Ivory.

☞ ALL A1 PLANTS, AT A BARGAIN.

Write for Prices.

CRABB & HUNTER, GRAND RAPIDS, MICH.

Mention The Review when you write.

CHRYSANTHEMUM SHOWS.

Nov. 1-2—MORRISTOWN, N. J.—Morris County Gardeners' and Florists' Society, C. H. Atkins, Secretary, Madison, N. J.

Nov. 2-4—POUGHKEEPSIE, N. Y.—Dutchess County Horticultural Society, Arthur A. Longhren, Secretary.

Nov. 3-5—NEW BEDFORD, MASS.—Gardeners' and Florists' Club, Peter Murray, Secretary.

Nov. 8-9—WORCESTER, MASS.—Worcester County Horticultural Society, A. A. Hixon, Secretary, 18 Front Street.

Nov. 8-10—HARTFORD, CONN.—Connecticut Horticultural Society, C. M. Rodgers, Secretary, Beacon Street, Hartford.

Nov. 8-10—MONTREAL, QUEB.—Gardeners' and Florists' Club, F. Bennett, Secretary.

Nov. 8-11—BOSTON.—Massachusetts Horticultural Society, Robert Manning, Secretary, Horticultural Hall, Tremont Street.

Nov. 8-12—INDIANAPOLIS.—State Florists' Association of Indiana, R. A. McKeand, Secretary, Garfield Park, Indianapolis.

Nov. 8-12—PHILADELPHIA, PA.—Pennsylvania Horticultural Society, David Rust, Secretary, Horticultural Hall, Broad Street.

Nov. 8-12—CHICAGO.—Horticultural Society of Chicago, W. N. Rudd, Assistant Secretary, Room 202, 185 Dearborn Street.

Nov. 8-12—ST. LOUIS.—St. Louis Florists' Club, Emil Schray, Secretary, 4101 Pennsylvania Avenue.

Nov. 9-11—PROVIDENCE, R. I.—Rhode Island Horticultural Society, C. W. Smith, Secretary, 61 Westminster Street, Room 28.

Nov. 9-11—BUFFALO, N. Y.—Buffalo Florists' Club, Wm. Legg, Secretary, 1440 Delaware Avenue.

Nov. 9-12—TORONTO.—Toronto Gardeners' and Florists' Association, E. H. Carter, Secretary, Riverside Park, Toronto.

Nov. 10-12—SYRACUSE, N. Y.—Central New York Horticultural Society, D. Campbell, Secretary.

Nov. 10-12—WACO, TEXAS.—Texas State Floral Society, Mrs. Louis Crow, Secretary, Waco, Texas.

Nov. 10-12—MILLBROOK, N. Y.—Millbrook Horticultural Society, Memorial Hall. J. O. Pingry, Secretary.

Nov. 10-12—MOUNT KISCO, N. Y.—Bedford Flower Club, H. A. Spavins, Mgr.

Nov. 11-12—PORTCHESTER, N. Y.—Westchester Gardeners' Association, Opera House, A. Grierson, Rye, Secretary.

Nov. 15-16—ELMIRA, N. Y.—Elmira Horticultural Society, R. R. Stockdale, Secretary.

Nov. 15-17—NEWPORT, R. I.—Newport Horticultural Society, J. J. Butler, Box 213, Secretary.

Nov. 16-18—BROCKTON, MASS.—Florists' and Gardeners' Club, Walter E. Baker, Secretary.

SYRACUSE, N. Y.—The chrysanthemum show of the Central New York Horticultural Society will be held November 10 to 12, instead of November 15 to 17, as previously arranged. Copies of the premium list may be had by addressing David Campbell, Secretary.

IF YOU HAVE anything to sell to the trade, offer it in an adv. in The Review.

"CONTINENTAL LIMITED."

NEW FAST TRAIN EAST VIA THE WABASH.

Leaves Chicago daily at 12:02 noon; arrives Detroit 8:20 P. M., Buffalo, 5:00 A. M. New York 3:30 P. M., Boston, 5:50 P. M.—only one night on the road. Through sleeper. Ticket Office, 97 Adams Street, Chicago.

HEADQUARTERS FOR

ASPARAGUS PLUMOSUS NANUS

W. H. ELLIOTT

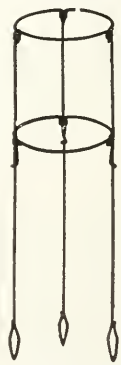
BRIGHTON, MASS.

CUT STRINGS, 10 feet long, 50 cents each.

Shipped to any part of the country.

The MODEL Extension Carnation Support....

Also Wire Rose Stakes.



QUEENS, N. Y., Feb. 16, '97.

MR. THERON PARKER, Brooklyn, N. Y. Dear Sir:—I have tested your latest Model Carnation Support, and am free to say that I consider it the best wire carnation support that I have ever seen. It is quickly and easily applied, and I think will prove very durable, and you certainly deserve great credit for the invention.

Very truly yours, C. W. WARD.

FLATBUSH, BROOKLYN, N. Y., Feb. 18, '97.

MR. THERON PARKER.

Dear Sir:—Your wire stake is certainly a gem. Without hesitating we endorse it as an up-to-date Carnation Support. Yours truly, DAILLEDOUZE BROS.

W. HOBOKEN, N. J., Feb. 18, '97.

MR. THERON PARKER, Brooklyn, N. Y. Dear Sir:—It gives me much pleasure to congratulate you upon your success in getting up Carnation Supports. I think that those I have had from you are about as perfect as anybody will be able to make them. They certainly fill my bill for an ideal carnation support, a thing I have been looking for for a long time. Wishing you every success in the sale of them, I am, Yours truly, E. ASMUS.

Write for Prices, Circular and Special Discounts for early orders.

The Model Plant Stake Co.

THERON PARKER, Mgr., Inventor and Patentee,

22 Morton Street. BROOKLYN, N. Y.

Mention The Review when you write.

What You Need!

	Per 100
1000 Carnations, strong field-grown, Nivea, Md. Albertini, McGowan, etc	$4.00
Primroses, best strain, 2½-in. pots	3.00
Asp. Plumosus	6.00
Asp. Sprengeri	6.00
Impatiens Sultani	3.00
Begonia Rex	4.00
Mignonette, Allen's Defiance	2.00
Mt. of Snow Geranium	4.00
Vincas, 2½-3½-in.	$2.00-4.00
Forget-me-not, winter flowering, 2½-in.	3.00

Rooted Cuttings and Other Stock.

Write us what you need and get prices. Terms cash or C. O. D.

GREENE & UNDERHILL, - Watertown, N. Y.

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Correspondence Solicited

ORCHIDS

Imported and established stock of At quality always on hand, also a complete line of best Cherry Wood Baskets, Fresh Moss and Peat, etc.

Special Sheep Manure for Orchids per bbl. or ton

One of our customers says:

"Send me 200 lbs. of your sheep manure. I can't do without it." HENRY CLINKABERRY.

Lager & Hurrell, Growers and Importers.... Summit, N. J.

Mention Florists' Review when you write.

Herr's Pansies...

Good little plants (greenhouse grown), ready Dec. 1st, at 75c per 100, or $4.00 per 1000.

Herr's Carnations

Every cutting guaranteed satisfactory or money refunded. All the leading varieties in quantity at reasonable prices.

ALBERT M. HERR, - Lancaster, Pa.

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SURPLUS STOCK OF ROSES.

500 Perles, 1000 Brides, 1500 Bridesmaid, fine stock, out of 2½-inch pots, $3.00 per 100, $25.00 per 1000.

VIOLETS, field grown clumps, $3.00 per 100.

C. LENGENFELDER,

Cor. Western and Berteau Aves., CHICAGO, ILL.

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Always Mention the....

Florists' Review

When Writing Advertisers.

GEO. WITTBOLD,

Established 1857.
'Phone Lake View 136.

Grower and Importer of **Tropical Plants**

1708 N. Halsted Street, CHICAGO.

If you want any goods in our line we can give the very best of satisfaction in every respect. We want your future trade and know a trial order will make you a regular customer for whatever of our goods you may need. We hope to be favored with a trial order. Satisfactory references or cash must accompany all orders from parties with whom we are not acquainted. Following is a list of the stock we offer. It is in excellent condition and we are confident we can please you, both as to quality and price.

PALMS.

Measurements, top of pot to top of tallest leaf.

VARIETIES.	SIZE POT.	HEIGHT INCHES.	CHAR. LEAVES.	PRICE—EACH.	PRICE—DOZ.
Areca Lutescens	5-in.	22-26	6-10	$0.50	$ 5.00
" "	6-in.	24-28	8-10	.75	9.00
" "	8-in.	40-50	15-20	2.50	30.00
Cocos Weddeliana	3-in.	10-14	4- 6	.25	2.50
Kentia Belmreana	6-in.	24-26	5- 7	1.50	18.00
" "	8-in.	36-40	4- 6	2.50	30.00
" Forsteriana	6-in.	32-36	3- 5	1.25	15.00
Latania Borbonica	4-in.	14-16	2- 3	.25	3.00
" "	6-in.	20-24	5- 6	.75	9.00
" "	8-in.	24-30	5- 6	1.50	18.00
" "	9-in.	34-36	7- 8	2.50	30.00
Phoenix reclinata	5-in.	18-20	4- 5	.50	5.00
" canariensis	6-in.	22-26	5- 6	.75	9.00
" "	7-in.	26-30	8-10	1.00	12.00

If in need of large specimens of Latania Borbonica, Corypha, Areca Lutescens, Pandanus Utilus or Veitchii, etc, write us for sizes and prices.

MISCELLANEOUS.

	EACH.	DOZ.
Auracaria Excelsa, from 6-in. pots, perfect plants	$1.50	$18.00
" " 7 " " "	2.00	24.00
" " 8 " " "	3.50	40.00
Asparagus Sprengerii, 4 " nice plants	.20	2.00
" " 5 " "	.25	3.00
" " 6 " "	.50	6.00
" Plumosus Nanus, 2 " "	$5.00 per 100	
" " 3 " "		1.00
" " 4 " "		1.50
Dracaena fragrans, strong plants from 5-in. pots	.50	5.00
Pandanus utilis, " " " 5 "	.50	5.00
" Veitchii, " " " 7 "	2.00	24.00
Peperomia Wershefeltii, strong plants from 3-in. pots		1.00
" " " " 4 "		1.50
Sanseviera Javanica Variegata, from 3-in. pots		1.25
Cyperus alternifolius, strong plants, 4 "		1.00
" " 5 "		1.50
Selaginella Emiliana, nice plants from 4-in. pots		1.50
" Martensii, " " 4 "		1.50

FERNS.

VARIETIES.	SIZE POT.	DOZ.	PER 100
Adiantum cuneatum	2-in.	$0.50	$ 4.00
" "	3-in.	1.00	8.00
" "	5-in.	2.00	16.00
Cyrtomium falcatum	3-in.	1.00	8.00
Lomaria gibba	3-in.	1.00	8.00
" "	4-in.	1.50	12.00
Nephrolepis pectinata	4-in.	1.50	12.00

VARIETIES.	SIZE POT.	DOZ.	PER 100
Nephrolepis pectinata	6-in.	3.00	25.00
" exaltata	4-in.	1.50	12.00
"	5-in.	2.00	16.00
" Bostoniensis	10-in.	30.00	
	$2.50 each.		
" Philipensis	4-in.	1.50	12.00
Pteris Umbrosa	2-in	.50	4.00
" serrulata	2-in.	.50	4.00

Mention The Review when you write.

SOIL.

Pine Needle Soil, fine for palms and ferns, large barrels, $1.50 each.

WREATHING.

We keep in stock wreathing made both from cedar and lycopodium, and are offering same at $4.00 per 100 yards.

Fall is the time to plant Perennials

All Strong Field-Grown Stock.

	PER 100
Clematis Davidiana, 1 year	$6.00
Funkia Alba	5.00
Hemerocallis flava	5.00
Hollyhocks, double, separate colors, per 1000, $40.00	5.00
Helianthus Multiflorus plenus and Soliel d'Or	5.00
Iris Germanica	1.00
Perennial Phlox, superb collection	5.00
Rudbeckia Golden Glow	4.00
Spiraea Palmata Elegans	3.00
Yucca Filamentosa, 2 years	8.00

VICK & HILL CO.

ROCHESTER, N. Y.

Mention Florists' Review when you write.

NATIVE GUANO...

(Desiccated Night Soil)

The ideal florists' fertilizer. Contains all the elements of plant food available. Pleasant to handle. By bag, ton and car load.

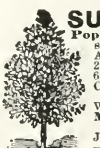
STANDARD FERTILIZER CO.
1822 Filbert Street. PHILADELPHIA.
Mention The Review when you write.

Ornamental Shrubs,

HERBACEOUS PERENNIALS.

A specialty of Iris, Phlox, Pæonies, Pyrethrums, Poppies, etc. Wholesale List on application,

JACOB W. MANNING,
The Leading ESTABLISHED 1854.
New England Nurseryman. READING, MASS.
Mention The Review when you write.



SURPLUS STOCK AT SURPLUS PRICES.

Poplars—Carolina, 6 to 8, 8 to 10, 10 to 12 and 12 to 15 feet, Golden, Silver and Lombardy same sizes. **Sycamore**—European, 6 to 8, 8 to 10, and 10 to 12 feet. **Magnolia**—Acuminata, 4 to 6, 6 to 8 and 8 to 10 feet; Tripetela, Soulangeana, and Speciosa 1½ to 2 and 2 to 3 feet, six other sorts 1½ to 2 feet. **Maples**—Immense stock, leading sorts, all sizes, 6 to 25 feet. **Mountain Ash**—European and Oak Leaved. **Willows**—Laurel Leaf, Canescens, Rosemary, Etc.

In **Weeping Trees**, we offer immense lot of **Willows**, Kilmarnock, New American, Wisconsin and Babylonica. **Mulberry**—Teas Weeping, the finest lot we ever grew. **Mt. Ash, Cut Leaved Birch, Etc.**

In **Vines** and **Shrubs**—**Ampelopsis**, Veitchi, strong two year field grown. **Clematis**, Jackmani, Henryi, Mad. Ed. Andre, etc. **Berberis**—Thunbergii and Purpurea. **Elder**—Golden. **Syringa**—Golden. **Spiraea**—Van Houtte, Anthony Waterer, Thunbergii, etc. **Lilacs**—New Double Flowered in 8 varieties. **Althens, Deutzias, Snowballs, Syringas, Wiegelias, Etc.**, in great supply.

Roses—two years field grown, Hybrid Perpetual, Moss, Climbers, Wichuriana and Wichuriana Hybrids, Rugosa, and Rugosa Hybrids and Multiflora Japonica. **Azaleas**—Mollis and Pontica, fine bushy well-budded plants.

Forty-four Greenhouses well filled with **Roses, Palms, Ferns, Ficus, Chinese Azaleas, Araucarias, Geraniums, Etc.** Correspondence solicited. Catalogues and price lists free.

THE STORRS & HARRISON CO., Box 59, Painesville, O.

Mention The Review when you write.

Free-Flowering... **Chrysanthemum**

"LITTLE CHRIS."

See notice and illustration in Review, Oct. 13. Plants from 3-in. pots, 35c each; 3 for $1.00.

W. T. Bell & Sons, Franklin, Pa.
Mention The Review when you write.

Send to **THE MOON**

Company

For Your { Trees, Shrubs, Vines, and Small Fruits.

Descriptive Illustrated Catalogue **Free.**
THE WM. H. MOON CO.,
Morrisville, Pa.

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Always mention the Florists' Review when writing advertisers.

REED & KELLER,

122 W. 25th St., NEW YORK CITY.

Manufacturers of **WIRE DESIGNS** and Dealers in

FLORISTS' SUPPLIES

Mention Florists' Review when you write.

Live Sphagnum Moss
For Orchids, etc., $1.25 per bbl.

Sphagnum Moss First quality, 85c per bale, 10 bales $6.00.

Peat $1.20 per bale, quality A No. 1.

Z. K. JEWETT & CO.,
SPARTA, - - WISCONSIN.
Mention Florists' Review when you write.

Always mention the Florists' Review when writing advertisers.

DETROIT.

On Friday last the Detroit Florists' Club, as the guests of the president, Mr. Phil. Breitmeyer, visited Mt. Clemens, to inspect their large plant at that place. We first called on Mr. R. Klegge to look at his violets, of which he has three houses, and a most beautiful sight it was, for they are as even as can be and covered with flowers of extra large size and color. We next walked through the plant of Mr. Breitmeyer, which gave us an appetite for what followed, as he has twenty-seven houses that are filled with stock to supply their store in the city. One house of seedling carnations was a very interesting sight, a red seedling looking very promising. We were then asked to the house to test the home-made wines and partake of lunch served by the ladies of the house.

A very pleasant feature of the occasion was the presentation of a wine cup to Mr. Breitmeyer, Sr., as a token of the esteem in which he is held by the club. After singing a parting song we visited the plant of Mr. Carey, who has a very fine lot of stock — and also refreshments. The evening was spent at the Monroe House, as the guests of Mr. Fred Breitmeyer, in bowling, singing, etc.

R.

"EVERYTHING."

The above seems the only word to use in describing the contents of the catalogue of the Chicago House Wrecking Co., of which a copy has been sent us and their stock must be something immense. They carry new as well as second hand material and must have acres of surface to store such a miscellaneous stock of heavy goods. They have worked up quite a trade with florists in piping, hardware of all sorts and the wire known as "shorts." This is short lengths of telegraph wire, ranging from 65 feet upward, and which is just as good to make rose stakes from as the full lengths and is much cheaper. The second hand boiler flues supplied by this firm have been considerably used by Chicago florists for posts under iron gutters in greenhouse construction and have also been used to take the place of the usual cast iron pipe at much less cost than the pipe, the lengths being connected by collar joints.

RETAIL ADVERTISING.

We have received from Mr. D. B. Long, Buffalo, N. Y., a copy of a little booklet entitled, "Palms, Ferns, House-Plants, and How to Treat Them." It is a handsomely printed and illustrated pamphlet of 12 pages and cover, intended to be distributed by retail florists as a form of advertisement that will not only bring trade, but be the means of instructing customers how to treat their plants intelligently. It should prove a very effective adv. for the retail florist offering plants.

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can be prevented by immersing the bulbs for 5 hours in a half solution of.....

..Kraft's Plant Tonic.. 99%

This has been conclusively proven by experiments at Lincoln Park, Chicago. The Tonic also kills **Hard Shelled Scale, Mealy Bug,** and other insect pests without injury to the plant. A trial of a 25-cent bottle will convince you that a really remarkable insecticide has been discovered. Send for circular.

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DES MOINES, IA.—W. E. Chapin, the nurseryman, has filed a voluntary petition in bankruptcy.

PORT JEFFERSON, N. Y.—A. E. Kissam has succeeded Frank Kissam & Son.

TRY AN ADV. in the Review if you have any surplus stock to sell to the trade.

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100 POUND ROLLS—SHORT LENGTHS RUN FROM 65 FEET UP. PRICE PER ROLL 100 POUNDS $1.15.

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Clematis Paniculata, from 3-inch pots, **$35.00** per 1,000; 4-inch pots, **$60.00** per 1,000, open ground, 2 years, very strong, **$75.00** per 1,000.
English Ivy, 1 year, from open ground, strong, **$50.00** per 1,000; 2 years, very long vines, **$60.00** per 1,000.
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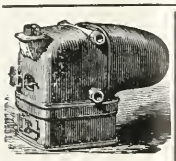

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OF THE **Florists' Review** Will be issued... **November 17**

In addition to the reports of the numerous Chrysanthemum Shows and the usual cultural and news matter, it will contain timely and practical suggestions on the use of .....

Flowers for Thanksgiving Day.

This national holiday has been annually increasing in importance to the florist, and will this year be much more generally observed than ever before for the reasons mentioned in the President's Proclamation.

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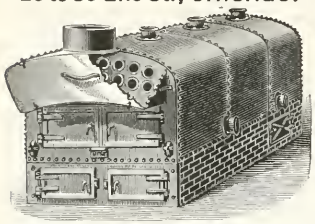

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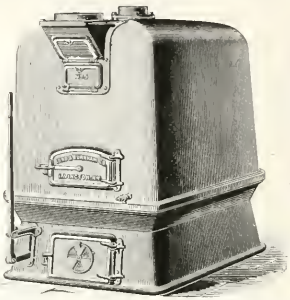

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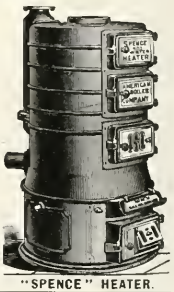

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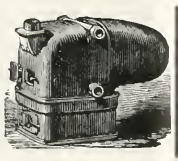

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THE WEEKLY
FLORISTS' REVIEW

Watson B. N.
52
Jamaica Plain Mass

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FLORISTS' PUBLISHING CO., 520-535 Caxton Building, CHICAGO.

Vol. II. CHICAGO AND NEW YORK, NOVEMBER 10, 1898. No. 50.

THE CHICAGO EXHIBITION.

Though the chrysanthemum plants seem to be generally a week or ten days too late and are not up to the mark from an exhibition point of view, the display of flowers is fully up to that of any previous year and in some respects superior.

Decorative plants appear more prominently than ever before, and Mr. Geo. Wittbold makes a very large display, one group alone occupying some 600 square feet of space. This group not only contains a great variety of fine plants, but it is arranged with much taste and is a feature of the show. Among the plants is a specimen of Latania borbonica 14 feet tall and with equal spread, an Areca lutescens 12 feet tall and a remarkable specimen of Chamaerops humilis with a spread of 9 feet and exceedingly well furnished and symmetrical. Mr. Wittbold also shows several other groups of decorative plants and a collection of ferns containing 75 varieties.

A Bit of the Chicago Show.

J. Algots, gardener for Geo. M. Pullman, is also a large exhibitor of decorative plants, among them being a Sabal umbraculifera, with a height and spread of 15 feet and bearing fruit; a Kentia Belmoreana 10 feet in height, every leaf perfect and beautifully arched; a pair of Nephrolepis davallioides furcans in 15-inch pots, each with a spread of 5 feet; a Croton Dayspring, 6 feet tall, 4 feet through, and beautifully colored; a Pandanus Veitchii 8 feet tall, 6 foot spread, beautifully furnished and perfect in every way; a Pandanus utilis 10 feet tall and perfect in form; a Cibotium princeps with a 10 foot spread; a Blechnum brasiliense 6 feet tall and in beautiful form; a Polypodium aureum in a 12-inch pot and with a spread of 6 feet; an Adiantum cuneatum in a 10-inch pot and with a spread of 3 feet.

Lincoln Park shows a very fine collection of decorative plants, including Anthurium crystallinum, eight species of dieffenbachias, Dracaena Victoria Regina, Anthurium Andreanum, a very complete collection of crotons, a beautiful specimen of Pandanus Veitchii and a Boston fern with a spread of 7 feet.

E. G. Uihlein's collection of orchids was arranged among temporary rockwork with a pool of water in the center in which gold fish sported among small aquatic plants. A bed of cypripediums at one side contained 40 varieties, among them a fine specimen of C. Harrisonianum, bearing six flowers. Of other orchids there were fifty plants in thirty-five varieties, among them a plant of Oncidium ornithorhynchum album, which is a little gem. Other sorts noted in good bloom were Miltonia vexillaria, Oncidium varicosum Rogersii, Dendrobium Phalaenopsis Schroederianum, Oncidium papilio and Stanhopea oculata. One of the specimens of Dendrobium Phalaenopsis Schroederianum is attached to the jawbone of an ox. It ap-

pears that this variety is often found attached to bones in its habitat, hence the experiment by Mr. Uihlein, and the results seem very satisfactory.

A very striking feature of Mr. Uihlein's display is a huge block of ice in which a bouquet of orchids has been frozen. In this way flowers that bloomed in August and September are now to be seen at a November exhibition. Mr. Uihlein has a bouquet of the sort for each day of the show and they are very interesting to visitors. Among the orchids in ice are Phalaenopsis amabilis grandiflora, Cattleya labiata, Cattleya Bowringiana, Sobralia Veitchii, Stanbopea tigrina, Oncidium varicosum Rogersii, and several varieties of cypripediums.

A feature of the show were the splendid geraniums shown by C. W. Johnson. Some plants of Heteranthe in 10-inch pots, were 3½ feet high,with a spread of 3 feet and with from 20 to 25 trusses of bloom. They were certainly magnificent, as were also similar plants of Mme. Ame La Chevraliere and Countess Castries, and there were some equally fine plants of Mrs. Pollock with well colored foliage. A new feature this year was a collection of standard geraniums from the same grower. They were from 5 to 7 feet tall, with a 3 foot spread at the top and a mass of bloom. The varieties were Heteranthe, Le Cid and Mme. Ame Le Chevraliere.

All these plants were in thumb pots last January and well illustrate what high culture will do for the geranium. It is one of the most educational exhibits in the building.

Some very interesting grafted standard geraniums are shown by Robert Mueller, gardener to A S. Trude. A number of different varieties are grafted on each one and one plant has four sorts in bloom. Mr. Mueller also shows a grafted standard chrysanthemum bearing thirteen varieties, among them being the yellow Marguerite, which looks strangely out of place among the other large double blooms.

Charles A. Samuelson made a beautiful display of specimen roses, chrysanthemums, orchids, valley, etc., not for competition, all artistically arranged in handsome vases and with suitable accessories. E. Wienhoeber also made a display, not for competition, being a group of palms interspersed with vases of specimen mums and at one side was a pedestal bearing a grand plant of Asparagus Sprengerii over which was draped a beautiful spray of Oncidium varicosum.

Chrysanthemum Blooms.

For best twenty-five blooms white W. N. Rudd was first with some grand blooms of Mayflower, Bassett & Washburn second with some Ivory that opened the eyes of all. Other varieties competing were Mrs. H. Robinson and Mrs. H. Weeks.

For twenty-five blooms yellow the Hinsdale Rose Co. took the blue ribbon with a splendid lot of Bonnaffon, W. N. Rudd taking second with a vase of the same variety. Other sorts entered were Golden Wedding, Australian Gold, Mrs. O. P. Bassett and Mabel Ward.

For twenty-five blooms pink W. N. Rudd was ahead with Autumn Glory, and E. G. Hill & Co. second with Mme. Perrin.

For twenty-five blooms any other color E. G. Hill & Co. took first with Nyanza, W. N. Rudd taking second with Rinaldo.

The class for twenty varieties, one bloom of each, brought out a strong competition. E. G. Hill & Co. took first with a superb lot, including the new French variety, Fee du Champsaur (an immense white that will push Mayflower), Modesto, Longfellow, Nyanza, Onyx, Frank Hardy, Viviand-Morel and Mrs. J. J. Glessner. W. N. Rudd took second with a fine collection including Mrs. M. A. Ryerson, Evangeline, Golden Wedding, Maud Dean, Defender, Mrs. Jerome Jones, Sunstone, Chebeaque, Autumn and Philadelphia. James Hartshorne, gardener for H. N. Higinbotham, entered a fine lot of blooms, as did also N. Smith & Son and J. C. Vaughan.

For best twelve varieties, one bloom of each, E. G. Hill & Co. led with a fine lot including Mrs. Seulberger, Fee du Champsaur, Perrin and Jeannie Falconer. W. N. Rudd was second, his dozen including Philadelphia, Golden Wedding, Chito and Chebeaque. James Hartshorne and Crabb & Hunter also had fine flowers entered in this class.

For best dozen blooms of a variety named after a Chicago lady E. G. Hill & Co. were first with a fine vase of Mrs. W. C. Egan. Other varieties shown were Mrs. J. J. Glessner, Mrs. M. A. Ryerson and Mrs. Moses J. Wentworth.

Hill was first with Mrs. Seulberger for six blooms, one variety, white, and Rudd was second with Mayflower.

Rudd led in six blooms yellow with Modesto, Hill taking second with Jeannie Falconer.

Rudd was ahead in pink with Murdock, Hartshorne taking second with Perrin.

In six blooms, red, Hill won with Casco, Crabb & Hunter taking second with Oakland.

For six bronze Hill was first with Bruant, Rudd second with Nyanza.

For six blooms, any other color, Rudd captured first with Henry Nanz (buff), and Hill took second with Mrs. Egan.

For best collection of named varieties, one bloom each, not less than 40 varieties, E. G. Hill & Co. were first with a grand lot of blooms, the most noticeable blooms being of varieties that appeared in their other collections. Second was taken by N. Smith & Son, who also showed a splendid lot of blooms.

The only entry in the class for best collection of anemone varieties was by N. Smith & Son, and it was well worthy of the first prize that was awarded. Especially notable were Enterprise, pink; W. W. Astor, white; Surprise, pink; Silver Bill, white; and Thorpe, Jr., yellow. More attention should be paid to these anemone sorts.

In the International Contest for best dozen blooms the winners in the states were as follows: Colorado, Daniels & Fisher, Denver; Illinois, Jas. Hartshorne, Joliet; Indiana, E. G. Hill & Co., Richmond; Maryland, H. Weber & Sons, Oakland; Michigan, N. Smith & Son, Adrian; Missouri, W. A. Chalfant, Springfield; Ohio, Theo. Bock, Hamilton. Canada was represented by J. H. Dunlop, Toronto, Ont.

The grand prize was won by E. G. Hill & Co., of Indiana. This was a grand dozen blooms, the varieties being Jeannie Falconer, H. W. Longfellow, Lady Hahnam, Australian Gold, Marie Calvat, Fee du Champsaur, Nyanza, Golden Gate, Modesto, Viviand-Morel, Bruant and Mrs. H. Weeks.

Chrysanthemum Plants

For best specimen plant, white, W. N. Rudd was first with a shapely and well bloomed plant of Miss Helen Wright. J. C. Vaughan second, with Lenawee.

For specimen plant, yellow, Rudd was first with Henry Hurrell; Vaughan second with Miss G. Pitcher.

Specimen, pink, Rudd first with Murdock; Vaughan second with Louis Boehmer.

Specimen red, Rudd first with Defender; Vaughan second with The Bard.

Specimen bronze, Vaughan first with Hicks-Arnold; no second prize awarded.

Specimen, any other color, Vaughan first with Mrs. C. B. Freeman; no second awarded.

For specimen standard, white, Rudd first with Mrs. M. A. Ryerson; Robt. Mueller second with Mayflower.

Specimen standard, pink, Rudd first with Murdock; Mueller second with same variety.

Specimen standard, yellow, Mueller first with W. H. Lincoln; Rudd second with Yellow Fellow.

For five standards Vaughan was first, his varieties being W. H. Lincoln, Mrs. C. B. Freeman, The Bard, Beauty of Truro and Louis Boehmer. Mueller was second, his sorts being Lincoln, Mutual Friend, Boehmer, The Bard and Dean Hole.

For five specimen plants in 10-inch pots Rudd was first, Mueller second. In ten specimen plants, five varieties, in 8-inch pots, Vaughan was first; no second awarded.

A Bit of the Chicago Show.

For twenty-five single stem plants, white, Crabb & Hunter, Grand Rapids, Mich., were first with a lot of Mrs. H. Robinson that everyone agreed had never been equalled anywhere before. The flowers were fully six inches in diameter and five inches deep, and the foliage simply perfect. Second went to A. McAdams for a mixed lot, mainly Robinson and Mayflower.

For twenty-five single stem, yellow, Henry Smith, Grand Rapids, Mich., was first with a magnificent lot of Bonnaffons; Crabb & Hunter second with a fine lot of the same variety.

For twenty-five single stem pink Rudd was first with Viviand-Morel and Perrin, one of the Morels being full 7 inches in diameter. Crabb & Hunter were second with a splendid lot of Perrin.

W. N. Rudd took the prize for ten single stem plants of W. H. Chadwick.

For specimen plant grown to single stem, Crabb & Hunter were first with one of their wonderful Robinsons; Henry Smith second with a splendid Bonnaffon. Grand Rapids is surely forging to the front.

Robt. Mueller took first for most interesting grafted plant with his grafted standard previously mentioned, J. C. Vaughan taking second with a plant trained fan shape and which also bore 13 varieties.

Miscellaneous Plants.

For geraniums in 10-inch pots J. C. Vaughan was first for 10 white, 10 pink and 10 red. W. N. Rudd taking second in each case. For ten ivy-leaved Rudd was first; no second awarded. For ten variegated foliaged varieties J. Cook was first, Rudd second.

For ten begonias in five varieties the two premiums were equally divided between J. Algots and J. Hartshorne.

Fred Bahr was first for ten cyclamens; Kalous Bros., second.

E. G. Uihlein took the prize for cypripediums and orchids other than cypripediums with the collections already noted.

For best collection of ferns J. Algots took first and Geo. Wittbold second. The prizes for ten foliage plants, six varieties, 10-inch pots, were equally divided between E. G. Uihlein and Geo. Wittbold.

For specimen palm Geo. Wittbold was first and J. Algots second.

For basket of Asparagus Sprengerii Bassett & Washburn were first and W. N. Rudd second.

For best display of stove, decorative and greenhouse plants arranged for effect (open to all), Geo. Wittbold took first with the splendid group previously mentioned; J. Algots second with the group also before described. Mr. Wittbold also took first for display of decorative plants open to commercial florists only.

For pair hanging baskets or pots, J. Algots first; Wittbold second. Specimen araucaria, Art Floral Co., first; Robt. Mueller, second. Specimen dracaena, no first awarded; second divided between Geo. Wittbold and J. Algots. J. Algots took both first and second for Boston fern. For specimen Adiantum Farleyense, Art Floral Co., first; Geo. Wittbold, second. Best other fern, J. Algots, first; J. C. Vaughan, second. Specimen climbing foliage plant, J. Algots first with Cissus discolor. Geo. Wittbold first for six araucarias.

A special prize of $30 was awarded to C. W. Johnson for the standard geraniums previously described, and Robt. Mueller received a special of $25 for his grafted standard geraniums.

Roses.

The rose competition on Wednesday brought out some magnificent blooms that were a decided feature of the show. The Brides and Maids were especially fine.

For 25 Beauties South Park Floral Co. were first and Bassett & Washburn second.

For 10 Kaiserins, Bassett & Washburn first, South Park Floral Co. second.

For 40 Brides, South Park Floral Co. first, Bassett & Washburn second.

For 40 Bridesmaids, Bassett & Washburn first, South Park Floral Co. second.

For 40 Meteors, Henry Smith first, Bassett & Washburn second.

For 40 Perles, Bassett & Washburn first, Wietor Bros. second.

For 25 any other variety, Bassett & Washburn first with Mrs. Robt. Garrett.

For 6 American Beauties, first went to J. A. Budlong, who also took firsts for 12 Brides and 12 Bridesmaids.

For 12 blooms of new rose never before exhibited, Jno. M. Dunlop, Toronto, was first with "Lady Dorothea."

Table Decorations.

The table decoration contest started Wednesday, only chrysanthemums being used that day under the rules. The awards for the day were in following order: C. A. Samuelson, a low centerpiece of Gretchen Buettner, with Asparagus Sprengerii for green; Klunder-Thiele Floral Co., tall trumpet vase of Modesto, the base dressed with Adiantum princeps and the same mums; Art Floral Co., a trumpet vase of Niveus, the base dressed with small white mums among Asparagus Sprengerii and favors of the small mums; Anderson Floral Co., trumpet vase of Mayflower and favors of the same; A. Lange, trumpet vase of Golden Wedding, the base dressed with Adiantum Farleyense in small jardinieres; Geo. Wittbold, a very slender stemmed tall vase of Bonnaffons, base dressed with the same mums.

This contest continues till the last day of the show, when the final awards are made.

LAST CALL for advs. for our special Thanksgiving Number, to be issued next week.

CARNATIONS

THE CARNATION.

By Albert Knopf.

[Read before the Columbus Horticultural Society at the Ohio State University, Oct. 29.]

The carnation as grown to-day for the market in our larger cities is quite different from that of thirty years ago, when the storekeeper felt proud if able to display a vase of fifty blooms in his window, even though the individual flowers measured only one inch in diameter, while the stem was weak and but six inches in length. Scarcely ten years have passed since President DeGraw was considered one of the most profitable white carnations grown. Compare that variety with such varieties as Flora Hill and you will find a vast difference. Many similar comparisons could be made with varieties in other colors as well.

It is wonderful to notice the improvement made in the carnation during the past ten years, but it is still more wonderful to think that the improvement in this grand flower is only in its infancy. We will find in the near future that cross-fertilizing will not be limited to the few as now, but instead we will find the amateur, as well as the small commercial florist, raising a few seedlings of his own each year, and hundreds of thousands of seedlings will be grown, instead of the thousands of to-day, which means a wider range from which to select our commercial varieties.

Many comments are made regarding the dissemination of too many new varieties each year, and that there are too many experimenters in the field. I say let the good work of cross-fertilizing continue; good varieties can never become too numerous, no more than an earnest zeal toward perfection in any line of art can be overdone. It is true that impostors do exist among those who recommend their new varieties, but they soon become known and are looked upon as frauds. What a sad stroke it would be to the art of floriculture if such men as E. G. Hill, Fred Dorner, John Thorpe and many others of their type were not permitted to continue in their work of introducing new varieties. While we are able to point to some of their introductions which turned out very poor, it is also a fact that many varieties have been disseminated by these leading lights of to-day which helped to make fortunes for their fellow craftsmen. New varieties are too often condemned and discarded before they have been thoroughly tried. We should be familiar with the nature of a carnation before we pass our opinion upon it. For instance, plant a house of Jubilee, Daybreak and Rose Queen, giving them the same treatment, same ventilation, same temperature and you will find a difference in their behavior because one prefers a few degrees higher or lower temperature than the other.

I remember back about twenty years when an old English gentleman, who was considered an A No. 1 grower at that time, said to me: "The secret of growing a carnation successfully is in spraying the foliage, never leaving the carnation house at night without seeing the foliage covered with dew-like moisture." What a fine crop of rust one would have if he was to follow this gentleman's advice to-day, when keeping the foliage of a carnation plant dry is considered as essential as the spraying of roses to prevent red spider.

As to soil and fertilizers, opinions differ to some extent, but we cannot dodge the fact that the natural soil of one district contains ingredients which differ from that of another, consequently it is necessary to experiment with fertilizers until able to see by the growth and productiveness of the plants which has proven to be the most beneficial. We find that cow manure as a body, intermixed with bone meal, sheep manure and nitrate of soda produces a liquid fertilizer, if properly proportioned, suitable for any soil.

We favor the opinion of some others that the day is not far off when field-planting will be discontinued, especially with some varieties. The planting on benches direct from 2-inch pots early in the season is considered preferable to out-door culture when proper treatment in summer under glass is once understood. About 9,000 plants are grown by the Franklin Park Floral Co., part of them on side benches in houses 11 feet wide, and part on center benches in houses 18 feet wide. We prefer the latter, as it is much easier to care for the plants where there is a walk on both sides of the benches. We use the wire loop and the so-called Dorner system as a support for the plants, the latter, in our opinion, being the better of the two; it is a support made of V-shaped wire mesh placed between the rows above which cotton string is drawn, supported by heavy wires running full length of bench; the string is crossed and re-crossed, forming a 6-inch space, diamond-shaped. The wire mesh prevents the lower leaves of the plants from lying on the damp ground, while the string above supports the stem and flower. As complicated as this system of supporting may appear, it is easily and quickly applied, and does not shade the plants.

The following varieties are now under cultivation by the Floral Co.: Pink: McBurney, Daybreak, Emma Wocher, Triumph, Oneida. Dark Pink: Tidal Wave, Painted Lady. White: Evelina, White Cloud, Flora Hill, Lizzie McGowan. Red: Red Jacket, Jubilee, Portia.

As leaders we use Daybreak and Rose Queen for pink, Portia and Jubilee for red, and Lizzie McGowan for white. Last season William Scott (pink) was grown extensively, but it did not take well with our customers, and was consequently discarded.

ROSES

ROSE NOTES.

Mildew.

Chief among diseases that threaten the health of the rose, we find mildew. Whenever the conditions are favorable it is ever ready to fasten a blightening grip upon its victim, which, if left unchecked, will quickly spread in an alarming manner, resulting in serious damage. To guard against the attacks of mildew requires constant attention as to temperature, ventilation, watering, etc. Whenever there is a sudden change in the temperature, which is often the result of the ventilators being left open too long in the afternoon of a bright day, or perhaps open-

ing the ventilators too wide in the morning when the temperature is a little high (a very common occurrence with beginners), resulting in giving the plants a severe chill, it will soon manifest itself in the appearance of mildew and kindred diseases.

Some varieties are more susceptible than others. We seldom see Perle or Wootton suffering from the effects of this parasite; indeed, it may be said that most strong growing varieties, producing heavy, glossy foliage, are not much in danger of infection. Varieties of the Mermet type, with a rather sappy growth, are much more likely to suffer from an attack. The high temperature necessary to keep Meteor in good growing condition renders it an easy prey to mildew whenever conditions are favorable for its appearance.

With such an alert foe to deal with it is fortunate that we have a remedy that is quick and effective in arresting its progress, and with proper application can be used as a preventive, so there is really no excuse for mildew having a foothold in the greenhouse. Its presence is either a sign of ignorance or neglect, neither of which is excusable.

Sulphur is a preventive or a cure, and may be applied in various ways. A light application with a bellows, once in ten days or two weeks, is very effective. During the winter months we make a mixture of one-half sulphur and one-half lime, add enough water to make a thin paste, and apply to the steam pipes with a brush. One 2-inch pipe to each house is about right, where steam heat is used. With hot water heat it will be safe to paint two 2-inch or one 4-inch pipe with the mixture, as the case may be. There is danger of getting it too strong, especially when we begin heavy firing, the strong fumes of sulphur causing the pink and red varieties to lose their brightness and sometimes resulting in the plants dropping their leaves. Beware of these dangers. Remain on the safe side. Light applications attended to regularly are safest and most satisfactory.

With steady firing we are now prepared to settle down to our regular winter temperature, which is 56 degrees Fahrenheit at night, for such varieties as Bride, Bridesmaid, Cusin, Watteville, Gontier and Wootton, while Perle, Testout and American Beauty will easily stand 58 or 60 degrees, with Meteor at 65. Do not allow the temperature to vary more than two degrees either way, thus giving four degrees to sway in. Day temperature must be controlled by ventilation. On bright days let your fire go down early. Watch your thermometer; when it registers 68 degrees raise the ventilators, say about two inches, and keep on raising them higher as the temperature rises, which, if possible, should not go above 85 degrees during the middle of the day. Keep lowering the ventilators as the temperature falls in the afternoon until it again reaches 68 degrees, when they may be closed for the day and the fires started for the night. On cloudy days, when firing is necessary, a temperature of 65 to 70 degrees should be steadily maintained. To keep the air pure it will be well to raise the ventilators a few inches for an hour during the middle of the day, even if a little more firing is necessary to keep up the temperature.

These little points may seem of no importance to some, but if neglected they often explain the difference between a strong stem and bright color and a weak stem crowned with a faded soft petaled bud. The one always finds a ready buyer; the other, while in numerous company, too often finds its way into the rubbish barrel.

S. A. B.

Handle baskets filled with mums make a pretty decoration. The basket must be flat and the handle very high and thin. It can be twisted with ribbon, and put a few fine flowers at one side and half way over the top, the idea being to permit a view across the basket beneath the handle. Don't use much, if any, green stuff, such as smilax, on the table with chrysanths, and one law always to be remembered is, leave from eighteen inches to two feet of space all round for dishes and service. Of course you can drop a flower or a vine here and there, but be careful your flowers and greens don't annoy people when eating. Smilax, etc., makes very bad salad.

Bells and horseshoes are no longer to be considered in connection with wedding decorations, even the canopies are being looked upon as ancient. Palm bowers are the most beautiful designs, and when they are made of good tall arecas, ferns, etc., nothing can equal them. If you have any bougainvillea try a pot suspended, or drape a mirror carelessly with it as a background to your palms. Have a large vase on a pedestal filled with your finest white mums, place it on the left side of your bower, and put a vase of white roses a little lower on the right side, a bunch of Valley or a spray of orange blossoms on the rail of the kneeling bench. Don't use autumn foliage in a wedding arbor unless you are ordered to, for they are not appropriate. You can use them in the house or round the church, but have the bower all green and white.

And now about bridal bouquets. It requires a very strong woman to carry some of the bouquets we see, and this is a cruel punishment. We will admit most grooms want to have an abundance of flowers for the girls, and will order big bouquets for his bride and her maids. He little considers the agony he is inflicting by doing so, and the florist never gives it a thought, but goes to work with wires and smilax and often makes a bouquet that he himself could not hold in his hand for half an hour. This is all wrong and is the reason why many sensible girls refuse to carry these cabbage-like bouquets. You can make them large and you can make them very light; it is not necessary to use a string of smilax and half pound of wire to every six roses. Nor is it art in any degree whatever to fix the roses so that they will look like a head of cauliflower; make your bouquets so as they will be carried upright instead of upside down for relief.

We are beginning to get orders for evergreens and let us go to the nursery and see what there is. Of course this great big country of ours is so large that it must have all varieties of climate, and what will suit one state will not winter out in another. I'm sure the South will not be jealous if we devote this short space to the North. The beautiful custom of decorating the exteriors of city residences with vases and boxes of evergreens is yearly on the increase, and may it continue. We can encourage it greatly by giving our patrons satisfaction by supplying them with only such conifers as will stand the winter winds.

There is as much art in the arranging of a window box of shrubs as there is in arranging a basket of roses; but we are getting away from our first aim and that is merely to give a list of the best suited to our northern climate. A good specimen spruce looks well in a green tub, so does hemlock and pine. Small junipers, Irish and Swedish, are fine for each side a window box and almost all the arbor vitae will stand. Retinospora squarrosa and R. ericoides often get frostbitten, but they are pretty in the fall; all the other retinosporas will keep well. The cupressus and thuyopsis rarely withstand the severity of our climate. Trained box is a fine shrub and is reliable. Aucuba japonica is very pretty, but is not hardy; it's all right for cool houses or such places suitable to bay trees.

Window boxes and vases should be filled with as much care as if plants were being planted in your garden to grow. It is useless to let them dry out and imagine the plants will live or even keep their color just because the weather is cold. Now is a good time to do this work, and don't fill your vases with too many varieties of plants. You will often make a better effect with only one; in boxes it is different. Ivy and Euonymus radicans and E. Radicans var. are about the only vines to use. IVERA.

THE FLORISTS' REVIEW

G. L. GRANT, EDITOR AND MANAGER.

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PHILADELPHIA.

The Market.

Business improved wonderfully last week. It seemed as if everyone had put aside pleasure with the putting out of the electric lights in the Court of Honor and had gone to work. Only our business is so closely allied to other pleasure that it would be more accurate to say that people had given up sightseeing and had settled down into their usual way of life. Prices have become firmer, the increase in business and decrease in supply being responsible. From now on we may look for steady advances until Christmas.

The best Beauties bring $2.50 a dozen; fine stock, $2, and 75 cents a dozen for shorts. Brides are fine at $3; Meteors, Maids and Kaiserin, $4, the latter sometimes higher. Carnations, good ordinary, $1 to $1.25; Flora Hill and a few fancies, when good, $1.50; Valley, $4; violets, single, 50 cents; double, $1 per 100. Orchids are very scarce at $6 a dozen.

Chrysanthemums are scarcely in their glory yet, although show week is here. The season is late; $2 a dozen is about as much as the best will bring, and $2 a 100 is about the least.

Club Notes.

The club met on Tuesday evening. Albert M. Herr read a paper full of ideas about the coming Carnation Society meeting in this city. The club nights are looked forward to as an occasion for meeting fellow workers which is both interesting and pleasant.

The prospects for a good show this week are, Secretary Rust assures his friends, very bright. Everybody, both great and small, ought to lend a hand and send something, and then there would be no doubt of a glorious success.

Exhibition of Germantown Hort. Society.

The Germantown Horticultural Society held its annual show in Association Hall on Monday, November 7th. The committee of arrangements, consisting of Henry Diehl, Edwin C. Iellett, George Redles, Jr., and Albert Woltemate, thought that for this season a purely local show would be wisest, and offered a small list of premiums, which brought out a very fair exhibit. The cut flowers of chrysanthemums were a feature. The winning 25 included Pennsylvania, Viviand Morel, Trilby, Pink Ivory, Mayflower and Philadelphia. Mrs. Perrin was the best pink. A very fine bronze was shown.

The collection of marantas, caladiums, anthuriums and ferns shown by William Wilkie, a new exhibitor, was very fine. The ferns were good, including those brought by Robert Le Boutillier from Jamaica. The show was a fortnight too soon for Martin Nixon, the new chrysanthemum in whose honor a special prize had been offered. The plants were large, but with the flowers undeveloped.

The oddity of the show was a pumpkin. The vine had run twenty feet to a rich asparagus bed and then produced an enormous fruit which John Holmes said must weigh 75 pounds. Some one thought nearly 100 pounds; the local press said 200 pounds. One hardly dare weigh it now.

In chrysanthemums in pots, M. Bracken, gardener to Henry L. Townsend, was first on specimen white, yellow, red and any other sort; first on three plants, three varieties, 10-inch pots; H. Dougherty, gardener to S. Green, second.

The prize offered by A. Woltemate for ten plants, 6-inch pots, three blooms each, brought out twenty nice plants; first, John McGowan; second, A. Woltemate.

In cut mums, twenty-five blooms in variety; first, John Sibson, gardener to Mrs. Thos. McKean; second, A. Woltemate.

Six blooms, white; first, John Sibson, with Mrs. Twombly; second, A. Woltemate. Six yellow; first, A. Woltemate; second, J. Sibson. This was reversed on six pink and six bronze; first, A. Woltemate.

J. Welsh Young was first on twelve American Beauty and on twenty-five Brides and Maids.

Chas. Leisy, gardener to B. A. Van Schaick, was first on carnations.

A. Woltemate was first on collection of flowering and decorative plants and won the special prize offered by Jos. Kift & Son for best arranged twenty-five blooms of chrysanths.

H. Diehl, gardener to the Misses Steel, was first on twelve, and second on six specimen ferns; first in this class going to Frank Smith, gardener to the Misses Nixon.

The Nixon prizes for best plant, new chrysanthemum Martin Nixon, first, John McGowan; second, M. Bracken. Six cut blooms, same; first, Frank Smith; second, John McGowan.

Special premiums were awarded to M. Punch, gardener to R. Le Boutillier, for rare and odd ferns, for a pretty plant Saintpaulia ionantha in bloom and the famous pumpkin; to Patrick McGowan, gardener to C. J. Wister, for collection vegetables; to M. Bracken, for grafted chrysanthemums, sixteen sorts, and for group chrysanths; to W. Wilkie, for collection stove plants and ferns and several others.

The judges were John Holmes and Geo. Redles, Jr. J. W. Y.

NEW YORK.

The Market.

What can we write about of interest? The market, did you say? Ah, yes, let us. The great national horse show will be here next week, and already violet growers are saving their violets for it. Consequently we are getting poor violets in now, with the prospect of getting worse next week. What good are stale violets, anyhow? Better to be satisfied with a fair average, because it's a good thing. If you want to pickle your violets please soak them in violet cologne and prevent an epidemic.

About mums—well, taking them all in all, the mums seen on the market so far this year have been merely passable, nothing to boast about, and the prices have been good, if not very good. Years ago we used to buy them

at $8 per 100 bunches; this year we can only get them by the dozen or hundreds. The tendency points toward special culture, but heaven knows much of what we see could be bunched. The thing is not to admire your stock growing or by the flicker of a lantern follow it in and see what it looks like on the market—and still let us kick and we find so much to kick about that we don't know which to strike first; but what of the fellow who sells dyed mums? Haven't we enough trouble with mums besides soaking their heads in red ink? Why don't these boys paint the monkey white? Is it any credit to offer for sale an artificially colored flower, and by doing so do we benefit our business? I know it's a great thing to be original, but it's a greater thing to be sensible.

Roses are fast getting clear of mildew and improving in quality, though there is much low grade stock on the market, particularly in Beauties. Good carnations are rather scarce and they seem to be late this year; perhaps it's better so. Orchids are quite plentiful. Oncidium varicosum is on hand and it's a lovely thing. Valley—well, there's more than what you need, but what's the use mentioning one thing? Cold weather will soon be here, and with it better business, better prices and better friendship.

Notes.

We have nothing to report about the Bowling Club, which meets tonight, but to state that alleys with more accommodations are being sought for and the committee hope to soon be in a position to ask some of the crack county bowlers to come and show how they do it.

Mr. Chas. Flemming, of Bridgeport, Conn., was here last week. D.

ST. LOUIS.

Club Meeting.

The regular monthly meeting of the Florist Club was held Thursday afternoon, with President Sanders in the chair and twenty-five members present. Most of the business transacted was show matters. The president made a neat speech, requesting all the members to lend a helping hand and do all in their power to help the committee make the show a success. Nearly every grower present promised to send all his spare plants for the exhibition to help decorate the hall.

Mr. H. J. Falkinheimer, of the Diemer Floral Co., was elected a member of the club, and Mr. Otto G. Koenig, son of Julius Koenig, made application for membership.

The question box was then opened and the three questions that brought out a lively discussion were as follows:

Why do Daybreak carnations show so many brown leaves from August 1?

What causes weak stem on Brides and Bridesmaid roses?

Is there no remedy to which the social evil of some florists abide to in using second-hand wire designs that come from the cemeteries, and thus causing honest labor and good workmanship to suffer?

The treasurer's report showed an increase over last report.

The meeting adjourned to meet again on Thursday, December 8, at 3 p. m.

The Market.

Trade has kept up very well during the past few weeks, owing to good weather, and the price on stock has been fairly good. There is no overstock of any flower just now unless poor chrysanths. Carnations have been very good, but scarce, this past week, and are selling at good prices. Violets are coming in freely, but the market is not overstocked and they sell well.

In roses Beauty is about the only variety that is scarce; very choice ones bring $2.50 and $3 per dozen. Tea roses are selling at $1.50 to $5 per 100.

Carnations are in demand, and the price has gone up to $2 for best stock; $1 and $1.50 is asked for the bulk.

Chrysanthemums have been selling well. The horse show at the Coliseum last week used up quite a number. There are a fine lot of blooms in the market now. The best whites are Robinson and Ivory. In yellow the best sellers are Sunderbruch and Bonnaffon. Some very fine Morel were seen, but the best blooms of these varieties are being saved for the show.

Violets are looking fine and sell well. Californias bring 50 cents, and small singles 25 and 35 cents per hundred. Smilax is a little scarce and held at $15 last week.

The Exhibition.

The prospects at this writing for the chrysanthemum show this week are very flattering. The public at large is taking a deep interest in the exhibition and I think the show will be a success financially. Every day we receive reports from outside growers as well as local ones that plants and blooms are all late. The committee now wishes they had kept their original dates, Nov. 15 to 19, but as matters are at present we will have to make the best of it. The committee will have everything in good shape for receiving and caring for the exhibits as fast as they arrive. A full report of the exhibition will appear in the next issue of The Review.

News Items.

Mr. Arnold Ringier, representing W. W. Barnard & Co., Chicago, is in the city selling seeds, bulbs and florists' supplies.

Invitations are out for the ninth annual banquet to florists, nurserymen and market gardeners, to be given at the Mercantile Club, November 19, at 7 p. m. This is in accordance with the will of the late Henry Shaw. The invitations are sent out by the Missouri Botanical Garden.

Bowling.

As we have no bowling tonight (Monday), I send you the scores and averages of the October series of 24 games. J. J. Benecke wins both medals, average and high single scores:

Names.	No. G.	Total.	Av.	H. S.
J. J. Beneke	24	3540	147½	216
C. Kuehn	24	3456	144	187
D. Finlason	18	2583	143½	200
C. Sanders	13	1816	139	189
J. Kunz	8	1060	132½	174
E. Schray	19	2396	126½	179
F. Fillmore	24	2824	122	165
R. F. Tesson	14	1629	116	173

J. J. B.

BOSTON.

Review of the Market.

There still continues to be that dull feeling, which has begun to be looked upon as a regular thing at this time of year, and there is more stock coming in than is wanted. Chrysanthemums are increasing in quantity every day, with Ivory as a leading white one, price ranging from 50 cents to $1.25 per dozen. Gold Lode is having the call for a yellow, averaging $1 per dozen. Some new varieties or first arrivals of popular favorites bring a little more, but from 50 cents to $1 per dozen seems to be about the figure for most of them.

Roses, owing to unseasonably warm weather, are very plenty and some elegant stock has had to be sacrificed. Brides, Maids and Kaiserins run from $2 to $6 per 100; Beauties still hold their own, the cheaper ones selling the best; price from 50 cents to $3 per dozen. Carnots, 10 cents for the best quality.

Carnations are more quiet this week with plenty of stock. Whites, long stems, are held at from 75 cents to $1.50; fancy whites, $2; short stems, about 50 cents; Scotts, Daybreak and Mangolds range from 75 cents to $2 per 100, while strictly fancy grades bring from $3 to $4.

Valley, $4 for a good average; odds and ends not plenty.

The Trip to the Waban Rose Conservatories.

The usual visitations of the Garden Committee of the Massachusetts Horticultural Society to prominent competitors, for the best house of growing chrysanthemums, have been held this week, the most interesting trip being to the famous Waban Conservatories, of Natick, the general proprietor of which, Mr. E. M. Wood, taking advantage of the occasion, invited about sixty odd of his personal and business acquaintances to view the grand sight

of the "Queen of Autumn" in the best stage of its growth. So on Thursday, the 3d inst., an aggregation numbering in the neighborhood of seventy-five, took the 11 o'clock a. m. train from Boston to Natick, where in an hour's time the party was greeted with a grand exhibition of chrysanthemums and roses the equal of which it would be hard to find.

Mr. Wood has about 175,000 square feet of glass almost entirely devoted to roses, of which he grows some of every variety which are popular among the buying public. His able assistant, Mr. Montgomery, who has the entire charge of the growing, does not believe in ever being out of the market, and has perfected his methods so that he can at any time supply without the least difficulty any demand for any variety of roses. The majority of this stock is budded on to the manetti, and Mr. Montgomery has this year entirely discarded bench growing; everything is in solid beds. He claims that with the budding of tea roses he increases his percentage of the best quality of blooms, and does not, as is claimed by some, reduce his quantity. Mr. Montgomery is a believer in chemicals and uses them to good advantage. Nitrate of soda and bone are his principal ingredients.

Besides roses, chrysanthemums have now for a few years formed an important crop at this establishment and one could travel all over the country, and I might say, the world, and not find their equal. The blooms are strictly high grade and have for years taken the leading prizes at the annual chrysanthemum exhibitions of the Massachusetts Horticultural Society.

The cuttings of these are made early and are not allowed to receive the least set back. They are planted direct from small pots into benches, with about six inches of soil, and allowed from ten to twelve inches of space, grown to single stems, and most of them flowering from the crown bud.

Outside of these crops, a house of Adiantum Farleyense looks very nice, and goes to show the forethought of Mr. Montgomery in growing a crop of a staple of which there is never known to be enough.

After spending a couple of very enjoyable hours at the conservatories, the entire party were photographed and invited to again enter the carriages, whereupon they were transferred to the famous Bailey hotel at South Natick. Here Mr. Wood and his capable manager, Mr. Montgomery, both of whom are kings among rose growers, proved themselves to be princes among entertainers, and the company sat down to a repast at which there was nothing needed to make it a success.

After an hour spent in enjoying the good things of life the host, Mr. Wood, called the guests to order and in his own inimitable way welcomed them to Natick and the Waban conservatories, also introducing the only Lawrence Cotter as toastmaster. With so much talent around the table it was hard to make a beginning, but Mr. Cotter was equal to the occasion and called upon Col. H. A. Thomas, postmaster of Boston, who at once called for three cheers for the host and congratulated him and his able assistant upon the degree of perfection to which they had brought the rose and the chrysanthemum. President Francis H. Appleton, of the Massachusetts Horticultural Society, was the next speaker, followed by Mr. B. F. Keith, of Keith's Theatre, of Boston, who said that his hobbies were grand flowers and grand music.

Mr. John Galvin, the oldest commercial florist in Boston, made a few remarks in his own unequalled way and gave way to Mr. P. O'Mara, of P. Henderson & Co., of New York, whose capability as an after dinner entertainer is unexcelled. The ever popular city clerk of Boston, Mr. J. Mitchell Galvin, then sang a patriotic song, which was very well received.

The toastmaster then called upon the entire company to drink to the health of the king of rose growers, Mr. Alex. Montgomery, after which the veteran gardener, Mr. Fred L. Harris, of the famous Hunnewell place, was introduced, and who remarked on the great improvement which had taken place in the growing of roses and chrysanthemums during the past few years.

The toastmaster next introduced Mr. Jackson Dawson, the tree and shrub expert, from the world renowned Arnold Arboretum, who heartily recommended the "Multiflora Japonica" as more preferable for budding tea roses on than the Manetti.

Judge C. W. Hoitt, of Nashua, N. H., Messrs. A. P. Calder, Warren Ewell and M. Norton, of Dorchester, Mr. A. N. Pierce, of Waverly, J. Tailby, of Wellesley, Fred Matthison, of

[Continued page 612.]

WANT ADVERTISEMENTS.

POSITION WANTED—As gardener, who understands the growing of roses, violets, carnations, 'mums, palms and stove plants; also a good mushroom grower; married, no children, age 27, German; can furnish good references; state salary paid; private or commercial. Address A. H. Jackman, 1704 Belmont Ave., Chicago.

SITUATION WANTED—By practical German florist, age 38, single, as foreman or to take charge; 24 years experience in growing roses, carnations, etc.; also general stock; best of references. Address Florist, 1302 Cherry Street, Toledo, O.

WANTED—A young man in cut flower store, western city; state age, experience and wages wanted. Address K. C., care Florists' Review.

WANTED—A young active gardener, married: must understand vegetable raising, hot bed work, and general out-door work on a gentleman's place; house and fuel furnished free; give references, age, number in family and wages expected. Address No. 10, care Florists' Review.

WANTED—A good all-round man for ferns pot plants and cut flowers; German preferred; wages $20 to $25 and board per month. Address No. 16, care Florists' Review.

WANTED—Situation in cut-flower store by lady of middle age. Thoroughly competent. Six years' experience. Address P., care of Florists' Review.

WANTED—A man to take charge of a section of rose houses; call at 51 Wabash Ave., Chicago.

SITUATION WANTED—By a lady florist, in a flower store. Eight years' experience in selling flowers and making up of designs. Very best of recommendations. Address Vita, care Florists' Review.

FOR SALE—Four greenhouses, nearly new. Good retail stand. A. CLAUS, Springfield, Ill.

FOR RENT OR SALE—First class retail stand. 5,000 feet of glass. New. In city. Ought to net good man at least $2.00 per day. Must buy stock, about $500.00. Reason for selling, failing health. Address "Illinois," care Florists' Review.

FOR SALE. A well established and paying FLORIST BUSINESS, with ten to thirty acres, 17,000 square feet of glass. Good residence and houses for help; everything in first class condition. Abundance of water. Situated near one of the largest cities in California. Ill health and a desire to retire from business cause for selling.

For full particulars and price, address

Lock Box 720, - LOS ANGELES, CAL.

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WE LEAD IN

PRICES, QUALITY, SERVICE.

GREEN AND HOLLY

WREATHING,

MISTLETOE, Etc.

It is to every Florists' advantage to correspond with us on these items. We know how, have the stock and proper facilities for instantaneous service.

Can save you money whether you buy by the crate, ton or carload.

Send for Special Holiday Circular . . . .

W. W. BARNARD & CO.

161-163 E. Kinzie St. CHICAGO.

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The New 16-Page Illustrated Booklet-Catalogue....

Palms, Ferns, House Plants

And How to Treat Them

Plant lovers want it because it tells them about kinds, and they need it because it tells them about treatment of Palms and Plants. Low-priced, it can be distributed freely. Handsome and most practical.

SAMPLE COPY FREE.

DAN'L B. LONG, Publisher,

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Always Mention the....

Florists' Review

When Writing Advertisers.

WE ARE HEADQUARTERS FOR FIRST-CLASS CUT FLOWER STOCK OF ALL KINDS. ALSO CARRY COMPLETE STOCK OF ALL SUPPLIES.

Holly....

ORDERS BOOKED NOW AT LOWEST POSSIBLE PRICES OBTAINABLE ANYWHERE

Green...

Mistletoe
Green Wreathing

Cyclamen Plants

NOW READY FOR DELIVERY.

600,	3-inch pots	at $8.00	per 100.
200,	4 "	at 12.00	"
1000,	5 "	at 25.00	"
500,	6 "	at 50.00	"

The above plants are grown from the very choicest mixture of seed and are guaranteed first class in every respect.

Shipped direct from the greenhouses.

Mention The Review when you write.

TREES Norway Maples Silver Maples. TREES

ORNAMENTAL TREES, FLOWERING SHRUBS.

Large Trees for Park and Lawn Planting.

SEND ME YOUR LIST FOR SPECIAL PRICES.

OAK PARK NURSERIES,
M. F. TIGER, Prop.
PATCHOGUE, L. I., N. Y.

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INSURE AGAINST IN THE FIRE

Florists' Mutual

Fire Insurance Ass'n.

ADDRESS W. J. VESEY, Sec'y,
FORT WAYNE, IND.

Mention Florists' Review when you write.

SPHAGNUM MOSS.

A very select quality 75c per bale, ten bales, $6.00. Grown and packed by

M. I. LYONS, Babcock, Wis.

Write for prices on car lots.

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Always Mention the...
Florists' Review
When Writing Advertisers

Greenhouse Woodwork

Open-air-dried Cypress Lumber is more durable, and better suited to Greenhouse conditions than kiln-dried stock. But you cannot get it from those that are engaged in the business in a small way—even though their entire business is confined to greenhouse material—for it takes a long time for the lumber to thoroughly dry and this means an investment in lumber that only those of large capital can make. The only way to have air-dried lumber is to buy green lumber and hold it until it dries. Those that order dry lumber from the producers of Cypress get kiln-dried stock. It is cheaper for them to kiln-dry than to hold the stock long enough to season it in the open air. We carry a large stock and fill all orders with open-air-dried Cypress clear of knots, sap and all other defects.

WRITE FOR CIRCULARS OR ESTIMATES.

Lockland Lumber Co.
LOCKLAND, OHIO.

DOUBLE FRINGED PETUNIAS.

In this specialty we are prepared to supply the trade with Henry Dreer's latest set of new seedlings, sent out this year, the most gorgeous set of Petunias in existence. We have three houses planted for cuttings, so are prepared to supply unlimited quantities on short notice. Strong 2 in. plants, $2.00 per 100; strong rooted cuttings $1.00 per 100. Place your orders early, as there will be a great demand for this stock. No orders solicited for less than $1.00. Cash with order. Send for our circular.

SOUTH SIDE FLORAL CO., - - - Springfield, Ill.

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Always mention the Florists' Review when writing advertisers.

ANTON SCHULTHEIS, P. O. Box 78...
College Point, Queens Borough, N. Y.
HEADQUARTERS FOR
PALMS and Decorative Plants in Quantity
Come, see and convince yourself
Ericas (Heather), also Full Line of Other Flowering Plants
Price List on Application

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Always mention the Florists' Review when writing advertisers.

BOSTON (Continued).

Clematis Brook, were among other speakers, and all joined in congratulations to Mr. Wood for the high degree of excellence to which he had brought his specialties. After singing "America" and "Auld Lang Syne," with "Mitch" Galvin as choir master, the company with three cheers for the estimable host and his assistant dispersed.

Among the prominent representatives of the trade who were at Natick were Messrs. Thos. F. Galvin, Boston; Jos. A. Dirwanger, Portland, Me.; Wm. Appleton, Providence, R. I.; Geo. W. Hilliard, Exeter, N. H.; Henry Dailledouze and P. O'Mara, New York; P. Welch, N. F. McCarthy, Geo. Sutherland and representatives from the principal retail stores of Boston.

News Items.

Tim Waters, formerly of Galvin & Co., wholesalers, and Frank Good, formerly with W. E. Doyle, have bought out and will carry on the business of the Crowl Fern Co.

Mr. Henry Dailledouze was an interested visitor to the market on Thursday.

N. F. McCarthy, will sell on Thursday, November 10, a fine lot of palms and decorative plants, consigned by Julius Roehrs, Carlton Hill, N. J.

At a meeting of the Florists' Club, held last Wednesday, the following officers were elected: President, W. H. Elliott; vice-president, R. Cameron; secretary, W. K. Wood; treasurer, E. H. Hatch.

Jackson Dawson, upon returning from Mr. E. M. Wood's on Thursday night, was waylaid and robbed when near his home in West Roxbury. Although knocked senseless he is not dangerously hurt.

The Massachusetts Horticultural Society have offered the use of their hall for the Farmers' Congress in 1899. P.

FLORISTS' HAIL ASSOCIATION.

The Commissioner of Internal Revenue has decided that the Florists' Hail Association is not exempt from taxation, the law only applying to Mutual fire and life associations.

JOHN G. ESLER, Secy.

Wanted- Growers of

American Beauty Roses and Marie Louise Violets

TO CORRESPOND WITH

PITTSBURG CUT FLOWER CO., Limited,

705 Penn Ave., PITTSBURG, PA.,

In view to arrange Consignments. Mention Shipping facilities.

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REINBERG BROS.

600,000 FEET OF GLASS.

Wholesale Growers of

Cut Flowers

We can fill all orders on short notice with all leading varieties of Roses and Carnations. We are headquarters for fine ....

AMERICAN BEAUTIES.

Give us a trial and convince yourself.

51 Wabash Ave., CHICAGO

WHOLESALE PRICE LIST.

CHICAGO, November 7, 1898.

AMERICAN BEAUTY			
Extra long stem	per doz.	$3.50 to	$4.00
24-inch stem	"		2.50
20 "	"	1.50 to	2.00
15 "	"	1.25 to	1.50
12 "	"		1.00
8 "	"		.75
METEOR	per 100.	$3.00 to	4.00
BRIDESMAID	"	3.00 to	4.00
BRIDE	"	3.00 to	4.00
KAISERIN	"	3.00 to	4.00
PERLE	"	2.00 to	3.00
CARNATIONS	"	1.25 to	1.50
" fancy	"	2.00 to	3.00

All other stock at lowest market prices. No charge for packing.

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DEUTZIA LEMOINEI

WITHOUT doubt one of the most important new hardy plants offered in many years. It is a hybrid between D. gracilis and D. parviflora and has the advantage over the former of having flowers nearly three times as large, which are produced in broad based cone-shaped heads of from 20 to 30 flowers each, and are of purest white, which open out very full. It is perfectly hardy, and will not only prove a valuable plant for the garden, but is certain to become one of the standard plants for forcing into flower in winter, more especially at Easter, and it is quite sure to take the place of the popular D. gracilis.

Strong one-year-old field-grown plants, $1.25 per dozen, $10.00 per 100. Strong 2½-inch pot plants for growing on, $5.00 per 100, $40.00 per 1000.

We also offer a fine lot of two and three-year-old Deutzia Gracilis suitable for potting up into 7-inch pots for forcing, at $8.00 per 100.

HENRY A. DREER,

714 Chestnut St., Philadelphia, Pa.

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Hot-Bed

Sash.

Tenons white-leaded. Corners secured with iron dowel pins. Every detail of construction perfect. Made of Clear Cypress Lumber.

Quick Shipments.

We have in stock and can ship immediately:

3 ft. x 6 ft., 3 rows 10 in. glass.
3 ft. 3 in. x 6 ft., 4 " 8 in. "
4 ft. x 6 ft., 5 " 8 in. "

Not glazed, 1¾ in. thick.

Delivered Prices

Quoted on application. State size and quantity wanted. No order too small to receive careful attention, and none too large for our facilities.

LOCKLAND LUMBER CO.,

Lockland, Ohio.

Carnations! All the new and leading varieties. Contracts for rooted cuttings made now. Send for prices stating what you want. Geo. Hancock & Son, Grand Haven, Mich

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CHICAGO, Nov. 10, 1898.

ROSES

Beauties, long	per doz.	$2.00—
" medium	"	1.00—$1.50
" short	"	.75— 1.00
Brides, Maids	per 100,	3.00— 4.00
Perles	"	2.00— 3.00
Meteor and Kaiserin	"	3.00— 4.00
Roses, 2nds average about.	"	2.00

CARNATIONS

All the leading standard sorts—highest grade, per 100		$1.00—$1.50
Triumph, Painted Lady, Albertini, Jubilee, Armazindy, Keller and others	per 100,	2.00— 3.00

Prices quoted are for good prime stock. Extra Select, and inferior quality charged for according to value.

MISCELLANEOUS

Alyssum	per 100,	$ .25
Chrysanthemums	"	4.00—25.00
Marguerites	"	.50
Valley, good home grown.	"	5.00
Violets, double	"	.75— 1.25
" single	"	.75— 1.00

DECORATIVE

Asparagus	per string,	$ .50
Ferns, common	per 100,	.15
" per 1000, $1.25		
" Maiden Hair, Ex. Fancy	"	1.00
" " " ordinary	"	.75
Galax, green, new crop	"	.15
" " "	per 1000,	1.00
Leucothoe Sprays, per 100, 60c;	"	5.00
Smilax, good,	per doz.	$1.20 to 1.50
" Wild, parlor brand, case.	"	3.75
" Medium, case	"	5.50
" Large, "	"	8.00

As it is yet too early to carry Wild Smilax in stock four days' notice is necessary.

Carnations
OUR SPECIALTY

Quotations Subject to Change Without Notice.

Write for prices on large quantities for special occasions.

Regardless of prices quoted we always bill out at lowest market rates.

P. & D.—AT COST.

☞ **Use the code. It will save you money. We know what it means. Get your orders in as early in the day as possible.**

Mumm's Extra Dry,
EASY TO GET -- IF YOU HAVE THE PRICE.

Mums, Extra Select,
EASY TO GET -- IF YOU ORDER OF.....

E. C. AMLING,

W. S. HEFFERON, Mgr. 51 Wabash Ave., CHICAGO.

Store open from 7:00 A. M. until 6:30 P. M.
Sundays and Holidays, closed at noon.

South Park Floral Co., Newcastle, Ind.
WM. DITTMANN, Grower.

Chicago, November 9, 1898.

American Beauties, best 25 blooms, 1st
Brides, " 40 " 1st
Maids, " 40 " 2nd
Kaiserin, " 40 " 2nd

2 firsts and 2 seconds out of 4 entries.

Indianapolis, November 8.

3 firsts and 2 seconds out of 5 entries.

Sole Selling Agents in Chicago

E. G. AMLING.

CHICAGO.

Club Meeting.

In accordance with the suggestions made in a paper read by J. T. Anthony at the last meeting of the Florists' Club a reception committee, consisting of Messrs. Jno. Reardon, A. McAdams and John Zech, was appointed to receive visiting florists at the chrysanthemum show and see that proper courtesies were extended to them. The committee provided a register in which visitors were asked to register their names, city and hotel at which they were stopping while here, so they might be readily communicated with by any one wishing to do so. The trustees were instructed to provide members with suitable badges.

Wm. Wallace, of Colorado Springs, Colo., was a visitor, and said he considered himself a "way-up" florist as he had once conducted greenhouses at Leadville, Colo., which is 10,000 feet above the sea level. Mr. Wallace has accepted an invitation to attend the next meeting and address the members upon his method of killing mildew on plants.

Annual Banquet.

The annual banquet of the Florists' Club will take place this Thursday evening (Nov. 10) at the Sherman House, beginning at 8 o'clock. Tickets are $2, and are on sale at all the wholesale houses.

The Market.

Market conditions are rather unsatisfactory as a general rule, the glut of mums being quite heavy. It is hoped that the show will help to relieve the market. All good roses seem to find ready sale, and high grade carnations are none too plenty, though there are rather more than enough of the lower grades at times. Violets are much improved in quality.

Various Items.

C. M. Balluff, formerly with P. J. Hauswirth, has opened a store at 536 E. 47th St.

The Anderson Floral Co. have the flower booth at the Chrysanthemum Show.

The exhibition halls are brilliantly lighted by festoons of incandescent lights, making a very pretty effect.

Visitors: A. Herrington, Madison, N. J.; J. F. Cowell, Buffalo; E. G. Hill, Richmond, Ind.; Elmer D. Smith, Adrian, Mich.; S. A. Baur, Rockford.

[Continued page 616.]

ORDERS BOOKED NOW FOR...

We Have a Fine and Large Stock of Palms and Ferns...

Bouquet Green,
Bouquet Green Wreathing,
Best Select Delaware Holly,
Wild Smilax, Mistletoe, etc.

SEND FOR SAMPLES AND QUOTATIONS.

Ellis & Pollworth, 137 Oneida St., Milwaukee, Wis.

Mention The Review when you write.

Bassett & Washburn
88 Wabash Ave., CHICAGO, ILL.
Wholesale Growers of and Dealers in CUT FLOWERS
Greenhouses at Hinsdale, Ill.
Mention The Review when you write.

Lynch WHOLESALE FLORIST
19-21 E. RANDOLPH ST. CHICAGO
Our prices are as low as any and our stock superior. We ask for a trial order.

A. L. RANDALL
Telephone 1496
Wholesale Florist
4 Washington St., Chicago.
In our new and enlarged quarters we are better prepared than ever to handle your orders.
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Full Line of Wire Designs and Florists' Supplies
S. B. WINTER
Successor to Winter & Glover
Write for Illustrated Catalogue.
21 Randolph St. CHICAGO.
HIGH GRADE Cut Flowers
Properly Packed and Promptly Forwarded.
Mention The Review when you write.

WHOLESALE GROWER OF ROSES. DEALER IN CUT FLOWERS.
J. A. BUDLONG,
37-39 Randolph St., CHICAGO, ILL.
Mention Florists' Review when you write.

Cincinnati Cut Flower Co.
W. A. MANN. FRANK W. BALL
416 Walnut St. CINCINNATI, O.
Wholesale Florists
Consignments Solicited.
Special Attention Given to Shipping Orders.
Mention Florists' Review when you write.

WIETOR BROS.
SUCCESSORS TO Rogers Park Floral Co.
WHOLESALE GROWERS OF Cut Flowers
All telegraph and telephone orders given prompt attention.
51 Wabash Ave. - CHICAGO.

A. G. Prince & Company
Telephone .....Main 3208
Agents for..... HINSDALE ROSE CO.
WHOLESALE CUT FLOWERS AND FLORISTS' SUPPLIES
88 and 90 Wabash Ave., - Chicago
Mention The Review when you write.

C. A. KUEHN
WHOLESALE FLORIST
Cut Flowers and Florists' Supplies.
Manufacturer of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.
1122 PINE STREET, ST. LOUIS, MO.
Mention Florists' Review when you write.

ST. LOUIS Cut Flower Co.
Wholesale Florists,
1322 Pine St., ST. LOUIS, MO.
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ELLISON & TESSON,
WHOLESALE SHIPPING
FLORISTS
3134 Olive Street, ST. LOUIS, MO.
...Home Grown Stock...
Mention The Review when you write.

C. W. WORS,
2740 Olive Street, - - ST. LOUIS, MO.
Flowers at Wholesale
ROSES, and a full line.
Headquarters for the Southwest.
Mention Florists' Review when you write.

Max Rudolph
WHOLESALE FLORIST,
11 West 12th Street, Cincinnati, O.
CUT FLOWERS. FLORISTS' SUPPLIES.
CONSIGNMENTS SOLICITED.
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KENNICOTT BROS. Co.

Wholesale Cut Flowers

AND FLORISTS' SUPPLIES,

88 Wabash Avenue, Rooms 22 and 23, CHICAGO, ILL.

Long Distance Telephone
Express 466.

CHICAGO, November 10, 1898.

P. AND D. AT COST.	PER 100.
AMERICAN BEAUTIES, long	$18.00 to $25.00
" " medium	12.50 to 15.00
" " short	6.00 to 8.00
BRIDES, METEORS, MAIDS	2.00 to 4.00
PERLES	2.00 to 3.00
ROSES, our selection, $2.00	
CARNATIONS, common	.75 to 1.00
" fancy	1.25 to 2.00
VALLEY	4.00 to 5.00
VIOLETS	1.25
CHRYSANTHEMUMS	8.00 to 15.00
" medium	4.00 to 7.00
ADIANTUM	.75 to 1.00
SMILAX	10.00 to 12.50
FERNS, common	.20
" per 1000	$1.50

Above prices subject to change without notice. All Flowers in season at lowest market rates. FLORISTS' SUPPLIES and WIRE WORK a specialty. On WIRE GOODS we can discount OUR OWN OR ANY OTHER LIST. Write for particulars. Store open week days until 6:30 P. M. Sundays and Holidays until noon only. Respectfully yours,

KENNICOTT BROS. COMPANY.

Mention The Review when you write.

Chrysanthemums AT... MODERATE PRICES

We have a very choice lot, all grown to single stems, and for the coming week will have

Bonnaffon, extra fine yellow. Mrs. Perrin, extra fine pink.
Ivory, Dailledouze and many others, all good sized flowers, at $1.00, $1.25 and $1.50 per dozen.

Bassett & Washburn, ...STORE... 88 Wabash Ave., Chicago

GREENHOUSES: HINSDALE, ILL.

Mention The Review when you write.

Pittsburg Cut Flower Co., Ltd.

No. 705 PENN AVE., PITTSBURG, PA.

WHOLESALE CUT FLOWERS.

Long Distance Telephone 2157. Consignments of Choice Stock solicited

Mention The Review when you write.

...LOUISVILLE...

Florists' Supply and Exchange

Wholesale Florists and dealers in Florists' Supplies

Special facilities for shipping south. Unequaled returns for good stock. Open night and day.

520 W. Jefferson St., Louisville, Ky.

Mention The Review when you write.

Maplewood Cut Flower and Plant Co. GEO. M. KELLOGG, Pres.

Growers of CUT FLOWERS at Wholesale.

Regular shipping orders given special attention. We have the largest plant west of Chicago.

Store: 906 Grand Ave., KANSAS CITY, MO.
Greenhouses: Pleasant Hill, Mo.

Mention The Review when you write.

HOLTON & HUNKEL CO.

Wholesale Florists
And Florists' Supplies.

Phone 874. WIRE DESIGNS—OUR OWN MAKE

457 Milwaukee St.

P. O. Box, 103. Milwaukee, Wis.

Mention The Review when you write.

Adiantum Farleyense, 3-in. pots, $20.00 per 100; 4in. pots, $35.00 per 100.

CYCLAMENS, assorted, best, 3-in., $6.00 per 100.

SAMUEL MURRAY,

Successor to Probst Bros. Floral Co.,

1017 Broadway, - KANSAS CITY, MO.

Mention The Review when you write.

Last Call

FOR ADVS. FOR OUR

THANKSGIVING NUMBER...

To be issued NEXT WEEK

Advs. must reach us in the first mail Wednesday, November 16th, at latest, to be in time, and should be in hand as much earlier as possible

Florists' Pub. Co., CAXTON BUILDING, Chicago.

FIELD-GROWN... Carnations

READY NOW.

Scott and McGowan at $5.50 per 100.
Genesee, $12.00 per 100.

Rubber Plants, Ficus Elastica, 5-inch, at $5.00 per dozen.

Asparagus Sprengerii, $5.00 per 100

Primroses, $4.00 per 100.

Smilax, $2.00 per 100, field grown.

Hydrangeas, $30.00 per 100.

Vinca Variegated, $5.00 per 100.

WM. F. KASTING,

495 Washington St., BUFFALO, N. Y.

Mention The Review when you write.

Mums Stock Plants $1.00 per doz.

CASH WITH ORDER.

WHITE	PINK	YELLOW
Lady Fitzwygram	Glory of Pacific	Marion Henderson
Mrs. H. Robinson	Mrs. Perrin	Golden Trophy

E. H. Blameuser, Niles Centre, Cook Co., Ill.

Mention The Review when you write.

Brilliant Green and Bronze

Galax Leaves

CHAS. H. RICKSECKER, Linville, Mitchell Co., N. C.

Mention The Review when you write.

CHICAGO (Continued).

Ill.; Judson Kramer, Cedar Rapids, Ia.; Wellington Hughes, Hillsdale, Mich.; A. Dimmock, St. Albans, Eng.; S. S. Skidelsky, Philadelphia; Miss Kaber, La Porte, Ind.; M. E. Miller, Polo, Ill.; J. H. Brumby, Benton Harbor, Mich.

Bowling.

Following are the scores and averages made at the alleys last Friday evening:

	1st.	2nd.	3rd.	Av.
G. Stollery	180	187	...	183
J. S. Wilson	163	191	...	177
W. Kreitling	119	156	184	153
G. L. Grant	144	161	148	151
Jno. Zech	144	152	...	148
Jno. Degnan	133	163	126	140
F. J. Hauswirth	139	...	...	139
F. Hills	131	...	...	131
A. Henderson	128	122	133	127
C. Balluff	143	106	...	124
A. McAdams	118	121	...	119
H. C. Rowe	125	110	122	119
C. W. McKellar	116	129	107	117
A. Lange	115	128	109	117
F. Stollery	93	139	...	116
C. Hughes	112	...	...	112
C. S. Stewart	114	108	...	111
J. C. Vaughan	82	67	...	74
W. H. Kidwell	71	...	...	71
Jos. Reeve	63	...	...	63

HUNT'S REVIEW OF THE CHICAGO MARKET.

The market remains in about the same condition as last week with a somewhat weakened demand and an overabundance in some kinds of stock.

The "Mum show" is in full force, but the effect on the market is not to any large degree advantageous. The crop of the "Autumn Queen" is being harvested and the counters are loaded and prices way down.

The scarcity of carnations is over, while medium and fancy grades bring a fair price, the calls take only a small figure to move them.

Roses are beginning to shorten up. We are looking to a short famine in good rose stock, it will surely come if Old Sol don't show himself soon.

Violets are still short and meet with quick sale.

Valley becoming more abundant, but the price is still satisfactory.

The sharp advance in Beauties is the only thing of any real importance and that affects only the best grades. Extra long stems bring $3—4 and 24 in. stems bring $2 per dozen.

Asparagus plu is quite scarce, and in consequence more money is being realized for it.

Nov. 9, 1898.

FLATBUSH, N. Y.

The Flatbush Florists' Bowling Club held a most enthusiastic meeting at their alleys on Thursday, Nov. 3. The club accepted a challenge from the Brooklyn Royal Arcanums to play a match game on Nov. 11. In addition to this the club organized two teams to play six games, two on each night of Nov. 10, 17 and 24, the losing team to provide a Thanksgiving dinner for the victors; and by way of merely hinting what is done out in Flatbush in one game, Prosser scored 188; P. Reilly, 179; E. Dailledouze, 178; Alf Zellar, 168; T. Brennan, 162.

We commend these figures to the consideration of our neighbors, and ask how long, O Lord, how long, will it be before we have another tournament in New York? It's a long time between—games. D.

SAMUEL S. PENNOCK,
Wholesale Florist,
LONG DISTANCE TELEPHONE
1612-14-16 Ludlow Street, ...PHILADELPHIA, PA.
Mention The Review when you write.

EXTRA HEAVY CLEAN ...STOCK...
Kentia Belmoreana
6-in., 5 to 7 leaves, $15.00 to $24.00 per dozen.
5-in., 5 to 6 leaves, $12.00 per dozen.
Kentia Forsteriana
6-in., 5 to 8 leaves, $12.00 to $18.00 per dozen
5-in., 4 to 5 leaves, $ 9.00 to $12.00 per dozen.
Field-Grown Carnations
A fine lot ready for delivery.
THE COTTAGE GARDENS,
QUEENS, N. Y.
Mention Florists' Review when you write.

PANSIES Worth Raising.
The finest **Seed** as usual, $1.00 per package 3-16 oz. No more **Plants** before December 1, except transplanted blooming stock at $10.00 per 1000, F. O. B. express.
Cash with Order.
C. SOLTAU & CO.,
199 Grant Ave., JERSEY CITY, N. J.
Mention The Review when you write.

WANTED!
1,000 Cineraria Plants in exchange for Sword Ferns in 3, 4 or 5-in. pots. Write
GEO. A. KUHL, Pekin, Ill.
Mention The Review when you write.

Cut Flower Exchange,
404 - 412 East 34th St., New York.
NEAR THE FERRY.
Open Every Morning at 6 o'clock for the sale of CUT FLOWERS.
Wall space for Advertising purposes to Rent.
J. DONALDSON, SECRETARY.
Mention The Review when you write.

KELSEY'S SOUTHERN
Galax Leaves
Brilliant Green and Bronze.
Information of the Introducer,
HARLAN P. KELSEY,
Prop. Highlands Nursery in North Carolina. 1150 Tremont Bldg., BOSTON, MASS.
Mention The Review when you write.

L. C. BOBBINK.....
RUTHERFORD, N. J.
Representative Wholesale Grower in France, Belgium and Holland. Send for Catalogues.
Mention The Review when you write.

GIVE US A TRIAL WE CAN PLEASE YOU.

ROSES, CARNATIONS, and All Kinds of Seasonable Flowers in stock.
WM. F. KASTING, Wholesale Commission Florist.
495 Washington St., BUFFALO, N. Y.
Also Dealer in Florists' Supplies and Wire Designs.
Mention Florists' Review when you write.

WM. J. BAKER,
WHOLESALE CUT FLOWERS,
1432 S. Penn. Square, PHILADELPHIA, PA.
Original Headquarters for CARNATIONS.
Mention The Review when you write.

WM. C. SMITH
Wholesale Florist,
1604 Ludlow St. PHILADELPHIA.
LONG DISTANCE PHONE.
Consignments of Choice Stock Solicited.
Our central location enables us to fill out-of-town orders at short notice.
Mention Florists' Review when you write.

EDWARD REID,
LONG DISTANCE PHONE.
Wholesale Florist,
1526 Ranstead St., PHILADELPHIA, PA.
Mention The Review when you write.

H. Bayersdorfer & Co.
THE LARGEST SUPPLY HOUSE IN AMERICA
New Catalogue of all Florists' Supplies on application. For the trade only.
50 to 56 N. 4th Street, PHILADELPHIA, PA.
Mention Florists' Review when you write.

Always Mention the....
Florists' Review
When Writing Advertisers.

FLORISTS' SUPPLIES

To the TRADE only.

HUNT'S WEEKLY QUOTATIONS

Taking effect Thursday Nov. 10, 1898.

Subject to Change Without Notice.

We are Headquarters for CUT FLOWERS.

ROSES.

Good stock scarce.

Beauties, long	per doz.,	$3.00—4.00
" medium	"	2.00
" short	"	50—1.00
Brides	per 100,	3.00—4.00
Kaiserin	"	4.00—5.00
Maids	"	3.00—4.00
Meteors	"	3.00—4.00
Perles	"	2.00—3.00
Our selection	"	2.00

CARNATIONS.

Fancy	per 100,	$2.00—3.00
Selected Stock	"	1.50—2.00
Good	"	1.00—1.50

GREENS.

Asparagus	per string,	$ .50
Ferns—Adiantum	per 100,	.75
Common Fancy	per 1,000,	1.50
Smilax	per doz.,	1.25—1.50

Wild Smilax, can supply on 4 days' notice. Large case $8.00; Medium 5.50; Parlor Brand 3.75

Galax Leaves, green, $2.00 per 1000.

MISCELLANEOUS.

Chrysanthemums ordinary	per doz.,	$ .75—1.50
" extra	"	1.50—3.00
Callas	"	1.00—1.50
Valley	per 100,	5.00
Tuberose Stalks	"	6.00
Ivy Leaves	"	.60
Alyssum	"	.15
Violets	"	.75—1.25

HUNT'S FLOWERS GO EVERYWHERE.

☞ Special Attention given to the Shipping Trade.

For QUALITY, PROMPTNESS and PRICE we have always been in the lead. We are HEADQUARTERS for all Florists' needs and carry the largest stock in the West.

Note a few of our prices.

Cape Flowers, good quality, white, 60c per lb.; colored, best shades, $1.50 per lb.

Bone Meal, absolutely pure, free from acid and ground fine; 50 lbs., $1.00; 100 lbs., $2.00; 200 lbs., $3.50; 500 lbs., $8.00; 1,000 lbs., $15.50; 2,000 lbs. (one ton), $30.00.

Rubber Hose, Whirlpool, manufactured especially for greenhouse use, an **extra fine** hose at a **low** price, 100 feet, $10.00.

Hose Couplers, the **Acme,** quick, neat and no **twisting** of the hose. **Send for prices.**

Immortelles, natural yellow, per doz., $2.00; per 100, $15.00; colored, purple, scarlet, pink, lavender, blue, white, etc., per doz., $2.50; per 100, $18.00.

Florists' Knives, genuine **Saynor,** budding, each $1.00.

Boston Letters. We are agents for these. Buy at headquarters. The best letter in the market. Per 100, $2.00.

Sphagnum Moss, good, clean; each bale **weighs over 40 lbs.,** per bale, $1.00; 12 bales, $9.00.

Sheet Moss for Windows, per bale, 50c.

Tissue Paper, per ream of 400 sheets, 40c per bundle, 10 reams, $3.50.

Putty Bulbs, Scollay's, each 80c; per doz., $8.25.

Raffia, for tying, clean long strings, per lb., 15c; 10 lbs., $1.30; 100 lbs., $12.00.

Ribbon, Santa Maria and Honesty. Send for price and samples; both sure to please.

Thermometers, all styles. We especially recommend **tin case** for greenhouses as accurate; each 12c; 12 for $1.20.

Tin Foil, regular grade, 10 lbs., $1.00; 50 lbs., $3.75; 100 lbs., $7.25. **Terms Cash.**

Wire, annealed. Send for latest quotations, they are very low.

We make no charge for packing, and deliver goods on board cars in Chicago, free. We carry in stock everything a Florist needs and send catalogue upon application. We solicit your patronage.

E. H. HUNT,

76-78 Wabash Ave., CHICAGO, ILL.

Should be pleased to have you make our place your headquarters during the 'Mum Show, November 8th, 9th, 10th, 11th and 12th.

Mention The Review when you write.

WASHINGTON.

Trade Review.

Trade the past week has shown considerable improvement, above the standard for this season of the year. Mums are seen in abundance, mostly Lager, Pink Ivory, Bramhall, Robinson, Morel and Marion Henderson. The price ranges from $6 to $8 per 100, with a few fine ones going at $1.50 per dozen.

Seasonable stock is very plentiful with the exception of the finer grades of roses, which are disposed of on arrival. Maids and Brides bring $4 to $6; Meteors, $6; Beauties, $10 to $20.

Violets are coming in fairly plentiful and realize 40 to 60 cents per 100.

News Notes.

Messrs. J. H. Small & Sons and A. Gude & Bro. are making great preparations for their annual mum show, which lasts one week.

Green mums as well as other dyed ones have made their appearance, sold by a Greek on the street, who claims they are from New York. We will attend to him.

J. H. Granor was quietly married to Miss Mary Brahler, of this city, immediate friends only being invited.

Mr. Chas. Dalton, for many years a popular Center Market clerk, died after suffering a long time from consumption. The deceased was a bright young business man with a host of friends. The floral offerings were many. F. H. KRAMER.

DETROIT, MICH.

Business is very good. Mums are selling fairly well. Mr. Holznagle is cutting some very fine large blooms, but it seems that people prefer medium-sized flowers at half the price to the very large ones. Carnations are not very plentiful, but of good quality. Violets coming better and selling well.

At the last meeting of the club it was resolved by the retailers to stop advertising in all society and other programs, as it was thought the benefits derived did not pay the costs.

A regular bowling club was organized, and it was decided to meet every Monday evening to practice at Colombian alleys.

Mr. Shroeter has opened a branch in Newcomb & Endicott's store on Woodward avenue, where he makes a great display of chrysanthemums. RAG.

NEPHROLEPIS CORDATA COMPACTA.

Fine, Strong, 3½ inch plants, $7.50 per 100. 4-inch plants, $15.00 per 100. Cash with order.

H. HILMERS,

Box 650. BLUE ISLAND, ILL.

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

PALMS

ETC.

Areca Lutescens, Latania Borbonica, Kentias, Bel. and Forst. Cocos Weddeliana, Livistona Rotundifolia, Phoenix Reclinata and Rupicola, Ficus Elastica and Elastica Var. Pandanus Veitchii and Pandanus Utilis, Dracaena Sanderiana, etc.

Hardy, stocky and Perfect. An immense stock of all sizes up to elegant specimens. If you do not know the quality of my stock ask some one who does. I can guarantee satisfaction as to quality, prices and everything.

SEND FOR WHOLESALE PRICE LIST.

CHAS. D. BALL, Holmesburg, Philadelphia, Pa.

Mention The Review when you write.

PALMS AND FERNS.

Fine Clean Stock. All Home Grown.
Take advantage of the weather and order NOW.

	Size In.	In High.	Number of Leaves.	Price per 100
Areca Lut.,	8	48	4 plants in pot.	$1.50 each
"	6	36	3 " "	1.00 "
"	6	48	6-9	75.00
"	5	30	5-7	40.00
"	4½	30	4-5	30.00
"	4	20	40	20.00
Latania Bor.,	6	30	Char. 5-6	75.00
"	5½	24	Char. 4-5	50.00
"	5	20	Char. 3-4	35.00
"	4½	20	Char. 3-4	25.00
"	4	16	Char. 1-2	15.00
"	3	10	5-6	10.00
Cycas Rev. (fine)	from $2.00 to $20.00 according to size			
Phoenix Can.,	6	40-48	6-8	$60.00
" "	4	24-30	6-8	20.00
" "	3	18	4-6	15.00
Phuenix Rec.,	8	48	6-8	1.50 each
" "	6	30-40	5-6	75.00
Kentia Bel.,	6	28-30	6-7	1.00 each
" "	6	24-26	5-6	75.00
" "	5½	20-24	5-6	50.00
" "	4	15-18	4-5	35.00
" "	3			25.00
Kentia Forst.,	4½	36-40	5-6	75.00
" "	4	24-30	4-5	50.00
" "	3	15-18	4-5	25.00
Pandanus Util.,	5	18		50.00
" "	4	16		35.00
" "	3	14		20.00
Areca Baueri,	6	24	5-6	75.00
" "	4½	20	5-6	50.00
" "	4	18	3-4	35.00

Assorted Ferns, in 10 varieties, the best for fern dishes, $3.00 per 100; $25.00 per 1,000.

Send for our Price List. Cash or satisfactory references must accompany all orders.

J. B. HEISS, The Exotic Nurseries, Dayton, O.

Mention The Review when you write.

Surplus Field Grown Carnation Plants..

Clean, healthy, strong plants with plenty of roots.

White Cloud, white.	C. A. Dana, pink.
John Young, "	Dazzle, scarlet.
Mary Wood, "	Jubilee, "
Storm King, "	Gold Nugget, yellow.
New York, pink.	Psyche, variegated.
Painted Lady, pink.	Lily Dean, "
Mrs. C. H. Duhme, pink.	Meteor, crimson.

Send for Price List.

F. DORNER & SONS CO.,
LaFAYETTE, IND.

Mention Florists' Review when you write

E. G. HILL & CO.

RICHMOND, IND.

Armazindy Carnation...
1st Size, $3.00 per 100.

Mention The Review when you write

PRIMROSES

5000 Choice Chinese Primroses, from 2½ and 3-inch pots, ready for 3½ and 4-inch pots, in the following separate colors:

Single White, Single Bright Rose,
" Blue, " Cheswick Red,
" Fern Leaved, Double Red.

These are extra fine strong plants and grown from the VERY CHOICEST seed, selected from the largest and finest flowering plants only, not from the ordinary cheap mixed seed that produce unsatisfactory flowering plants. We do not offer our plants in competition with plants grown from the cheap mixed seed. We offer our plants in separate colors as above, carefully packed and sent by mail, or if sent by express extra plants added to help pay express charges, at the following prices:

10 for..... $0.65 50 for..... $2.25
25 " 1.25 100 " 4.00

500 by express, not prepaid, $17.50
Sample sent for 10 cents in stamps.

THE PAGE SEED CO.

Dealers in SEEDS, PLANTS and BULBS,

Lock Box 175. GREENE, N. Y.

Mention Florists' Review when you write.

Carnations. To plant after Early Mums.....

Several thousand that are stored in frames and have not been frosted. McGowan, Wm. Scott, Daybreak, Alaska, Mapledale, Fingree, C. A. Dana, Portia, Triumph, Rose Queen, Eldorado, Della Fox, The Stuart, Mrs. C. H. Duhme, etc.

Price $4.00 per 100.

N. SMITH & SON, Adrian, Mich.

Mention Florists' Review when you write

Pandanus Veitchii,

20 to 24 inches above pot, 7-in., $1.50 each.
24 to 30 " " " 8-in., 2.00 "

Also specimens 3 to 4 feet above 9, 10 and 12-inch pots.

JOHN WELSH YOUNG, Germantown, Pa.

Upsal Station, Penna. R. R.

Mention The Review when you write

CARNATIONS.

Kathleen Pantlind, strong plants, $10.00 per 100.
Red Wave, " " 7.00 "

HOPP & LEMKE,
(Paul Post Office) East Grand Rapids, Mich.

Mention Florists' Review when you write

CARNATIONS.

H. WEBER & SONS, - OAKLAND, MD.

BARGAINS IN SHRUBBERY AND EVERGREENS

All first-class transplanted stock at tempting prices. Send for Surplus List.

E. S. PETERSON, - - Montrose, N. Y.

Mention Florists' Review when you write.

Lay in your PALMS Before Cold Weather.

Heacock's Offer:

All measurements given from top of pot and don't you forget it.

ARECA LUTESCENS.

3 Plants in 3-in. pots,	10 to 12 in. high			$20.00 per 100.
3 "	4 "	15 to 18	"	25.00 "
3 "	6 "	22 to 24	"	9.00 per doz.
3 "	6 "	24 to 26	"	12.00 "
3 "	12 "	5 to 6 ft. high, very bushy		10.00 each.

A few bushy specimens, 14-in. pots, 7 to 8 feet high, $25.00 each.

My stock of this variety is very large, grown cool, clean and very healthy and can not fail to give satisfaction. All are grown three plants in a pot.

LATANIA BORBONICA.

3-in.,	4 to 5 leaves, 12 to 15 in. high		$10.00 per 100.
5-in.,	5 to 6 leaves, 18 in. high	$5.00 per doz.,	40.00 "

COCOS WEDDELIANA.

2 x 3-in. pot,	1 Plant, 6 to 8 in. high			$10.00 per 100.
3 "	1 "	12 to 14	"	20.00 "
4 "	1 "	15	"	10.00 "
5 "	1 "	15 to 18	" 50c each,	6.00 per doz.
5 "	3 "	15 to 18	" 50c "	6.00 "

My stock of this beautiful variety is very large and in excellent condition.

KENTIA BELMOREANA.

3-in. pots,	4 to 5 leaves, 10 to 12 in.		$3.00 per doz.,	$25.00 per 100.
4 "	5 to 6 "	15 to 18 in.	6.00 "	50.00 "
5 "	5 leaves, 18 to 20 in.		12.00 "	
6 "	6 "	18 to 20 in.	15.00 "	
6 "	6 "	24 to 30 in.	18.00 "	

I desire to thank my customers for past favors, and suggest that with increased facilities I am offering a **LARGER STOCK OF PALMS,** and will be able to serve them better than ever before. My trade this season has exceeded my most sanguine expectations, and with prosperity smiling on our country, I bespeak a share of their patronage in the future.

The Palms offered are all **Home Grown, Strong and Healthy.**

The measurements given are from the top of pot to the top of plant, in its natural position.

TERMS: Unknown correspondents will please furnish satisfactory reference or cash with the order.

Joseph Heacock, Wyncote, Philadelphia, Pa.

Mention The Review when you write.

A Great Bargain.

Hardy Phlox, assorted from 3½-inch pots, $4.00 per 100.

Cuphea, Segar Plant, 2-in. pots, $1.00 per 100.

Rudbeckia, Golden Glow, from 3½-in. pots, $4.00 per 100.

Achillea, The Pearl, from 3½-in. pots, $4.00 per 100.

Coreopsis Lanceolata, from 3½-inch pots, $4.00 per 100.

Grevillea Robusta, 8 in. high, $1.00 per 100.

Statice Armeria, from 3½-inch pots, $4.00 per 100. CASH, PLEASE.

Edward B. Jackson, STAMFORD, CONN.

Mention Florists' Review when you write.

Last Call.

Do You Want Them? All First Class and Protected.

500 Carnations—McGowan, Portia and Ophelia, $4.00 per 100 or $15.00 for lot; 1,00 California Violet Clumps, $3.00 per 100; 500 Lady Campbell Clumps, $5.00 per 100; 1,000 Lady Campbell, pots, $2.50 per 100; 1,000 Swanley White, pots, $3.00 per 100; 200 Allen's Defiance Mignonette, pots, $2.00 per 100; 10,000 Clumps Cannas, low, best sorts; 10,000 **Rooted Cuttings. What do you want?**

BENJ. CONNELL, Florist, WEST GROVE, PA.

Mention Florists' Review when you write.

LAST CALL?

We Still Have

500 Scott. 100 Bridesmaid.
300 Rose Queen. 1,000 Ivory.

☞ ALL A1 PLANTS, AT A BARGAIN.
Write for Prices.

CRABB & HUNTER, GRAND RAPIDS, MICH.

Mention The Review when you write.

100,000 VERBENAS,

THE CHOICEST VARIETIES IN CULTIVATION....

FINE POT PLANTS, $2 50 per 100: $20.00 per 1,000.
ROOTED CUTTINGS, 75c per 100: $6 per 1,000: $50 per 10,000

No Rust or Mildew. Packed Light and Satisfaction Guaranteed.

We are the Largest Growers of Verbenas in the Country. Our Plants cannot be surpassed.

Send for Circular. **J. L. DILLON, Bloomsburg, Pa.**

Mention The Review when you write.

HARDY SHRUBS!

Assorted in 25 Varieties.

My selection $50 per 1000. Descriptive catalogue and price lists for the trade.

SAMUEL C. MOON,
MORRISVILLE, - - Bucks Co., Pa.

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LAST CALL

FOR ADVS. FOR OUR

Thanksgiving Number...

to be issued

NEXT WEEK.

Advs. must reach us in the first mail Wednesday, November 16th, at latest, to be in time, and should be in hand as much earlier as possible.

FLORISTS' PUBLISHING CO., Caxton Building, CHICAGO.

A No. 1 Stock

10,000 Begonias, 2¼-in., of White Rubra, Paul Bruant, Erfordi, Alba Picta, Sandersoni, Metallica and 10 others, $2.00 per 100, $15.00 per 1000.

2,000 Primulas, Chinese and Obconica, 2¼-inch, $2.00 per 100.

1,000 Brownie, a new Coleus, fine bedder, $5.00 per 100.

5,000 Geraniums, Hermine; 5,000 S. A. Nutt; 1,000 Mad. Bruant; 2,000 W. P. Simmons; 2,000 Marvel; 2,000 Dr. Blanch; 2,000 Perrie Neal and 1,000 Columbia, all 2¼-in., $2 00 per 100, $15.00 per 1000, and 22 other varieties, just as good.

20,000 Hardy Pinks Clumps, in two colors, $2.00 per 100.

The Morris Floral Co., Morris, Ill.

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$4.00 Buys a Lot!!

Strong, one year, field grown English Ivy—Clem. Flamula, Blue and A. Waterer Spirea, all at $4.00 a 100, 50c a doz. Swanley, Campbell, Farquhar, California Violets Weeping Lantana, Blue Spirea, 2-in. pots, 30c a doz., $2.00 a 100. California Violet Clumps, 200 for $3.50. **Asparagus Sprengerii, fine,** 3-in., 75c a doz., $5.00 a 100; 4-in., $1.50 a doz. Cash with order.

RONEY BROS. — Florists — WEST GROVE, PA.

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NEW YORK GARDENERS' SOCIETY.

Following appears the schedule of prizes to be competed for at the second annual chrysanthemum exhibition of the New York Gardeners' Society, which will be held at the society's rooms, 64 Madison avenue, the afternoon and evening of Saturday, November 19.

Cut chrysanthemums to be shown in vases, with stems not less than 15 inches in length, except in the one class where boards are mentioned. Vases and boards will be provided and all staging must be finished by 2 p. m. on the day of the show. Competition will be confined to private gardeners, except in the 3 classes which are specified as being "open to all." In all classes a first prize only is offered.

CHRYSANTHEMUMS.

1. Twenty-five blooms in 25 varieties, J. M. Thorburn & Co.'s prize, handsome silver tea set in five pieces.
2. Twelve blooms in 12 varieties, A. H. Hews Pottery Co.'s prize, fine jardiniere and pedestal.
3. Twelve blooms in 12 varieties to be shown on boards, A. H. Hews Pottery Co.'s prize, elegant jardiniere and pedestal.
4. Six blooms, 6 varieties, Clucas & Boddington's prize, handsomely bound copy of The "Christian," with the author's signature.
5. Six blooms of Jerome Jones, pretty mantle clock.
6. Six blooms of Major Bonnaffon, silver berry dish.
7. Six blooms of Golden Wedding, silver caster.
8. Six blooms white, one variety, Stumpf & Walters' prize, silver fern dish.
9. Six blooms bronze, one variety, silver baking dish.
10. Six blooms crimson, one variety, dozen silver Columbia tea spoons.
11. Six blooms yellow, one variety, set of silver knives and forks.
12. Six blooms pink, one variety, silver cake basket.
13. Six blooms any other color, one variety, fancy globe parlor lamp.
14. Display of Pompons, J. M. Thorburn & Co.'s prize, beautiful silver water pitcher.
15. Display of Anemones, silver celery dish.
16. One bloom of a new variety not yet in commerce, F. L. Atkin's prize, a handsome cased smoking pipe.
17. Collection of cut flowers, chrysanthemums excluded, W. A. Manda's prize, ornamental Moorish parlor lamp.
18. Best seedling carnation, Alfred Bridgeman's prize, two useful horticultural books.
19. Display of carnations, Thos. W. Weathered's Son's prize, elegant carving set.

CLASSES OPEN TO ALL.

CHRYSANTHEMUMS.

20. Six blooms of a new variety not yet introduced in commerce, J. H. Troy's prize, beautiful cut glass vase.
21. Twelve blooms, 12 varieties, silver ice pitcher.
22. Six blooms of Frank Hardy, J. W. Wither's prize, two years' subscription to "American Gardening."

THE EXHIBITIONS.

Full reports of the various exhibitions, together with pictures of the leading featnres, will appear in our special Thanksgiving Number, to be issued next week.

"CONTINENTAL LIMITED."

NEW FAST TRAIN EAST VIA THE WABASH.

Leaves Chicago daily at 12:02 noon; arrives Detroit 8:20 P. M., Buffalo, 5:00 A. M. New York 3:30 P. M., Boston, 5:50 P. M.—only one night on the road. Through sleeper. Ticket Office, 97 Adams Street, Chicago.

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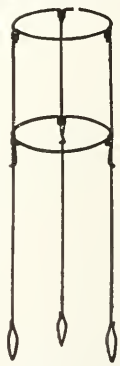
ASPARAGUS PLUMOSUS NANUS
W. H. ELLIOTT
BRIGHTON, MASS.
CUT STRINGS, 8 to 10 feet long, 50 cents each.
Shipped to any part of the country.

The MODEL Extension Carnation Support....
Also Wire Rose Stakes.



QUEENS, N. Y., Feb. 16, '97.
MR. THERON PARKER, Brooklyn, N. Y. Dear Sir:—I have tested your latest Model Carnation Support, and am free to say that I consider it the best wire carnation support that I have ever seen. It is quickly and easily applied, and I think will prove very durable, and you certainly deserve great credit for the invention.
Very truly yours,
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Dear Sir:—Your wire stake is certainly a gem. Without hesitating we endorse it as an up-to-date Carnation Support. Yours truly,
DAILLEDOUZE BROS.

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Yours truly, E. ASMUS.

Write for Prices, Circular and Special Discounts for early orders.

The Model Plant Stake Co.
THERON PARKER, Mgr., Inventor and Patentee,
22 Morton Street. BROOKLYN, N. Y.
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	Per 100
1000 Carnations, strong field-grown, Nivea, Md. Albertini, McGowan, etc	$4.00
Primroses, best strain, 2½-in. pots,	3.00
Asp. Plumosus, "	6.00
Asp. Sprengeri, "	6.00
Impatiens Sultani, "	3.00
Begonia Rex, "	4.00
Mignonette, Allen's Defiance, "	2.00
Mt. of Snow Geranium, "	4.00
Vincas, 2½-3½-in	$2.00-4.00
Forget-me-not, winter flowering, 2½-in	3.00

Rooted Cuttings and Other Stock.
Write us what you need and get prices.
Terms cash or C. O. D.
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Imported and established stock of A1 quality always on hand, also a complete line of best Cherry Wood Baskets, Fresh Moss and Peat, etc.

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Arrived in superb condition.
Write for prices at once before all are sold.
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Good little plants (greenhouse grown), ready Dec. 1st, at 75c per 100, or $4.00 per 1000.

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Every cutting guaranteed satisfactory or money refunded. All the leading varieties in quantity at reasonable prices.

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500 Perles, 1000 Brides, 1500 Bridesmaid, fine stock, out of 2½-inch pots, $3.00 per 100, $25.00 per 1000.
VIOLETS, field grown clumps, $3.00 per 100.
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Cor. Western and Berteau Aves., CHICAGO, ILL.
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WHEAT SHEAVES, Our Forte
PEDESTALS,
POT COVERS,
WAX FLOWERS,
LEAVES,

ARTIFICIAL FLOWERS,
CHENILLE,
WIRE,
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The Finest Catalogue Ever produced in our line, Yours for the asking.

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1,000,000 Pansy Plants, large blooms and strong plants, $1.50 per 500; $3.00 per 1000; $12.50 per 5000; $20.00 per 10,000.
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1,000 Gynura or Velvet Plant, 2½-in., $3.00 per 100.
8,000 Little Gem Feverfew, 2¼-in., $2.00 per 100; $15.00 per 1000.
5,000 Double White Geraniums, 4 good bedders, 2¾-in., $2.00 per 100; $15.00 per 1000.
5,000 S. A. Nutt, 2¼-in., $2.00 per 100; $15.00 per 1000.

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BOSTON MARKET, TENNIS BALL, GRAND RAPIDS. Extra strong plants in unlimited quantities. 25c per 100, by mail; $1.00 per 1,000 by express. Cash with order, please

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Nursery Seed & Florists' **Catalogues**

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Chrysanthemum Stock Plants,

ALL THE BEST STANDARD AND NEW VARIETIES.

Asparagus Sprengerii

in Six, Eight, Ten, Twelve and Fourteen-Inch Pans.

Send for particulars and prices.

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2000 Field-Grown Dahlia Roots, best double large flow. and pompon, as fine as any in the market, $5.00 per 100.
500 1-year roots, Platycodon grandiflora alba, $4.00 per 100.
Aquilegia Coerulea, Digitalis, Campanula, hardy Asters, Callopsis, Rudbeckia Golden Glow, new dwarf Phloxes, fine for cutting, and other hardy useful perennials at low rates.
10,000 to 15,000 Asparagus roots 2-year, Colossal, Palmetto and Columbian White Mammoth—make an offer for the last.

E. HAENTZE, Fond du Lac, Wis.

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For ADVS. for our

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To be issued NEXT WEEK.

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Florists' Pub. Co., Caxton Bldg., CHICAGO.

ROCHESTER, N. Y.

Contrary to expectations, wholesale prices on chrysanthemums have been improving within the past week, though the retailers are selling as low as ever, being satisfied with a very small profit. Any desired quantity of A No. 1 flowers can be furnished on very short notice. Ivory has been in for some time; the pink variety came out well colored generally, though in a few instances last year's experience with it was repeated, coming out white or only faintly tinted. Chrysanths are now called for more frequently than a week or two ago, still they are not as popular as they were in former years. Roses are fine and quite plenty. Carnations have had a good run lately, quality has improved rapidly. Violets are not bad, but more of them could be used. Asparagus is getting rather scarce around here, and smilax is not over abundant. Business was not very rushing for the first week in November. No notable social event occurred during the week and the demand was not above the ordinary.

Ed Vick has left the store business; his son John is his successor in the same place on Main street.

Walter Mott, of Philadelphia, was in town last week. Plant sales have been unusually large and satisfactory with the firm this fall, yet he says there are many thousands of good palms, ferns and miscellaneous stock of all sizes to be disposed of before Christmas, and he is hustling more than ever, greatly encouraged by the most favorable prospects.

Buffalo will be visited by quite a large delegation of Rochester florists during the week. The chrysanthemum exhibition draws them there this time.

K.

WHEELING, W. VA.

Charles D. Huscroft, of the firm of Huscroft Bros., died Oct. 27, at the Wheeling hospital, two weeks after an operation for appendicitis. His age was 21 years.

He was the youngest son of W. G. and Martha Huscroft, of Steubenville, O., and was a young man of exceptional integrity and sterling worth. He is survived by his parents, four brothers and two sisters. The remains were taken to Steubenville and the funeral took place there from the residence of his brother, Geo. L. Huscroft, Oct. 29.

FIRE INSURANCE.

There is a boom in fire insurance, and the Florists' Mutual is rapidly increasing its membership. After the first assessment the workings of the plan adopted will be better understood, and just how insurance at cost is to be furnished will become apparent to those who believe that "a penny saved is a penny earned."

JOHN G. ESLER.

FANCY DAGGER

HARDY FERNS.

WARRANTED FIRST QUALITY.

Special attention paid to supplying Wholesale Dealers. Write for prices.

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Oldest, largest and most reliable dealer in the United States.

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Delaware Holly of the Best Grade..... from the Swamps, with Bright Green Foliage and well Berried

Orders will now be received for shipments which will go forward freshly packed at the proper time. For prices and terms, address—

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FRANCE -- Roman Hyacinths, Narcissus, Freesias, etc.

JAPAN -- Lilium Longiflorum, all sizes. Crop short.

HOLLAND -- Hyacinths, Tulips, Narcissus, Crocus, etc.

CHINA -- Chinese Secred Lilies.

On hand:—Extra selected **Lily of the Valley**, 2,000 in a case $24.00

From cold storage: A fine lot of **Araucarias.**

State quantity needed and prices will be cheerfully given by

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Flowers 5 inches in diameter. Cut September 20. Last year September 17. $1.00 per doz. Cash with order, please.

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Pandanus Utilis, 2½-inch pots, beautiful, clean stock, $5.00 per 100. Only a limited number. Fine for growing on.

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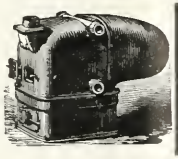

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If you want any goods in our line we can give the very best of satisfaction in every respect. We want your future trade and know a trial order will make you a regular customer for whatever of our goods you may need. We hope to be favored with a trial order. Satisfactory references or cash must accompany all orders from parties with whom we are not acquainted. Following is a list of the stock we offer. It is in excellent condition and we are confident we can please you, both as to quality and price.

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Measurements, top of pot to top of tallest leaf.

VARIETIES.	SIZE POT.	HEIGHT INCHES.	CHAR. LEAVES.	PRICE—EACH.	PRICE—DOZ.
Areca Lutescens	5-in.	22-26	6-10	$0.50	$ 5.00
" "	6-in.	24-28	8-10	.75	9.00
" "	8-in.	40-50	15-20	2.50	30.00
Cocos Weddeliana	3-in.	10-14	4- 6	.25	2.50
Kentia Belmoreana	6-in.	24-26	5- 7	1.50	18.00
" "	8-in.	36-40	4- 6	2.50	30.00
" Forsteriana	6-in.	32-36	3- 5	1.25	15.00
Latania Borbonica	4-in.	14-16	2- 3	.25	3.00
" "	6-in.	20-24	5- 6	.75	9.00
" "	8-in.	24-30	5- 6	1.50	18.00
" "	9-in.	34-36	7- 8	2.50	30.00
Phoenix reclinata	5-in.	18-20	4- 5	.50	5.00
" canariensis	6-in.	22-26	5- 6	.75	9.00
" "	7-in.	26-30	8-10	1.00	12.00

If in need of large specimens of Latania Borbonica, Corypha, Areca Lutescens, Pandanus Utilus or Veitchii, etc., write us for sizes and prices.

MISCELLANEOUS.

	EACH.	DOZ.
Auracaria Excelsa, from 6-in. pots, perfect plants	$1.50	$18.00
" " " 7 " " "	2.00	24.00
" " " 8 " " "	3.50	40.00
Asparagus Sprengerii, 4 " nice plants	.20	2.00
" " 5 " "	.25	3.00
" " 6 " "	.50	6.00
" Plumosus Nanus, 2 " " $5.00 per 100		
" " 3 " "		1.00
" " 4 " "		1.50
Dracaena fragrans, strong plants from 5-in. pots	.50	5.00
Pandanus utilis, " " " 5 "	.50	5.00
" Veitchii, " " " 7 "	2.00	24.00
Peperomia Wershefeltii, strong plants from 3-in. pots		1.00
" " " 4 "		1.50
Sanseviera Javanica Variegata, from 3-in. pots		1.25
Cyperus alternifolius, strong plants, 4 "		1.00
" " 5 "		1.50
Selaginella Emiliana, nice plants from 4-in. pots		1.50
" Martensii, " " 4 "		1.50

FERNS.

VARIETIES.	Size Pot.	Doz.	Per 100
Adiantum cuneatum	2-in.	$0.50	$ 4.00
" "	3-in.	1.00	8.00
" "	5-in.	2.00	16.00
Cyrtomium falcatum	3-in.	1.00	8.00
Lomaria gibba	3-in.	1.00	8.00
" "	4-in.	1.50	12.00
Nephrolepis pectinata	4-in.	1.50	12.00
Nephrolepis pectinata	6-in.	3.00	25.00
" exaltata	4-in.	1.50	12.00
" "	5-in.	2.00	16.00
" Bostoniensis, $2.50 each.	10-in.	30.00	
" Philipensis	4-in.	1.50	12.00
Pteris Umbrosa	2-in.	.50	4.00
" serrulata	2-in.	.50	4.00

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Pine Needle Soil, fine for palms and ferns, large barrels, $1.50 each.

WREATHING.

We keep in stock wreathing made both from cedar and lycopodium, and are offering same at $1.00 per 100 yards.

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Amoor Privet and Hardy Lemon, best hedge plants.

5,000 Gardenia Florida, ... 5,000 Oranges, dwarf grafted sorts, 15,000 Camphor.

500 Ficus Elastica, 10,000 Latania, 1,000 Phoenix Reclinata, 6-inch.

100,000 Cannas, leading sorts at $15 per 1000. 10,000 Biota Aurea Nana.

5,000 Rare Conifere. Roses, field-grown, on own roots and budded. An immense stock of Ornamental and Fruit Trees.

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The ideal florists' fertilizer. Contains all the elements of plant food available. Pleasant to handle. By bag, ton and car load.

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HERBACEOUS PERENNIALS.

A specialty of Iris, Phlox, Pæonies, Pyrethrums, Poppies, etc. Wholesale List on application.

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In **Weeping Trees**, we offer immense lot of **Willows**, Kilmarnock, New American, Wisconsin and Babylonica. **Mulberry**—Teas Weeping, the finest lot we ever grew. **Mt. Ash, Cut Leaved Birch, Etc.**

In **Vines** and **Shrubs**—**Ampelopsis**, Veitchi, strong two year field grown. **Clematis**, Jackmani, Henryi, Mad. Ed. Andre, etc. **Berberis**—Thunbergii and Purpurea. **Elder**—Golden. **Syringa**—Golden. **Spireas**—Van Houtte, Anthony Waterer, Thunbergii, etc. **Lilacs**—New Double Flowered in 8 varieties. **Altheas, Deutzias, Snowballs, Syringas, Wiegelias, Etc.**, in great supply.

Roses—two years field grown, Hybrid Perpetual, Moss, Climbers, Wichuriana and Wichuriana Hybrids, Rugosa, and Rugosa Hybrids and Multiflora Japonica. **Azaleas**—Mollis and Pontica, fine bushy well-budded plants.

Forty-four Greenhouses well filled with **Roses, Palms, Ferns, Ficus, Chinese Azaleas, Araucarias, Geraniums, Etc.** Correspondence solicited. Catalogues and price lists free.

THE STORRS & HARRISON CO., Box 59, Painesville, O.

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Free-Flowering... Chrysanthemum

"LITTLE CHRIS."

See notice and illustration in Review, Oct. 13. Plants from 3-in. pots, 35c each; 3 for $1.00.

W. T. Bell & Sons, Franklin, Pa.

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For Your { Trees, Shrubs, Vines, and Small Fruits.

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Sphagnum Moss First quality, 85c per bale, 10 bales $6.00.

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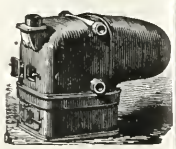

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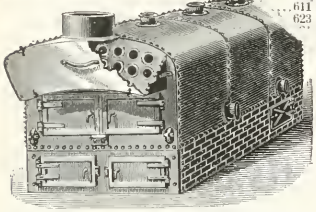

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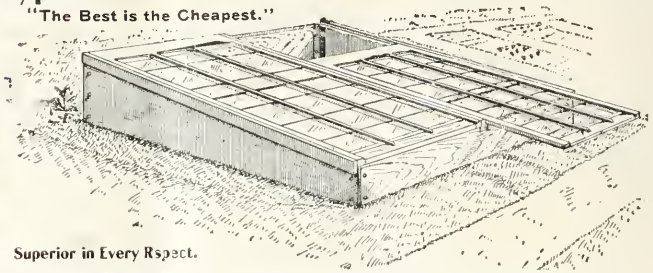

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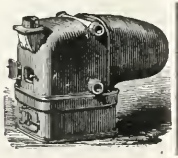

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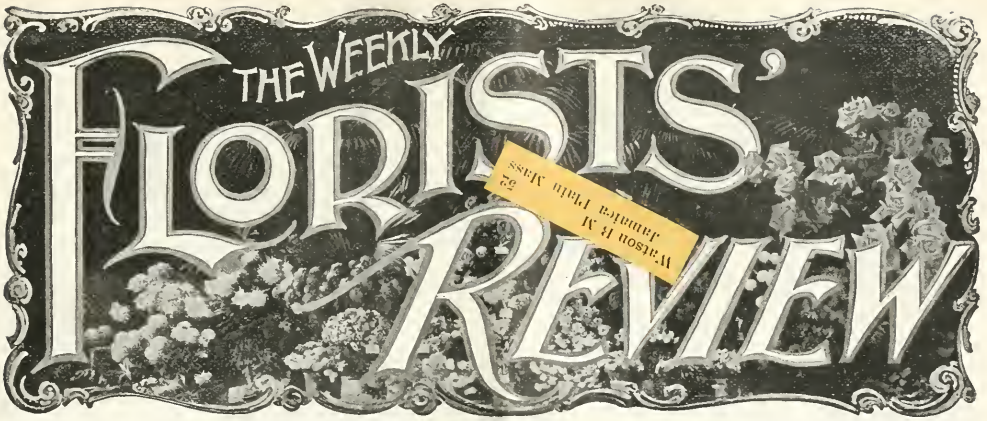

THE WEEKLY FLORISTS' REVIEW

Watson B M
Jamaica Plain Mass
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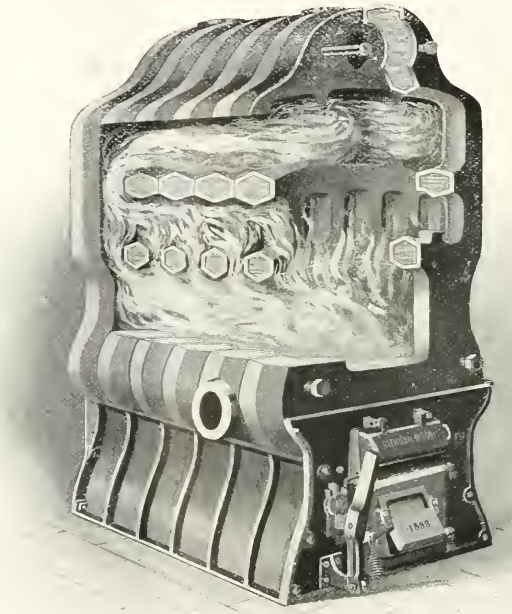

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THE EXHIBITIONS.

BOSTON.

The annual chrysanthemum exhibition of the Massachusetts Horticultural Society, this week, has been up to its usual standard of excellence, and although in former years there has been a larger number of exhibitors of both plants and flowers, the individual excellence of the specimens has never been surpassed.

As usual the lower hall was devoted to cut blooms, with competition in 26 numbers, which brought out some elegant specimens, prominent among which were the magnificent blooms from the Wabar Rose Conservatories, of Natick; Mrs. David Nevins, of Framingham, Alex. McKay, gardener; Mrs. B. P. Cheney, Wellesley, John Barr, gardener; Robert Laurie, of Newport, R. I., and others. There were quite a few of last year's introduction shown, among them Frank Hardy, a great prize winner, with some fine blooms of Autumn Glory, Mrs. H. Weeks and Pennsylvania. Among the old varieties, that grand commercial variety, Major Bonnaffon, was very much in evidence, with Viviand-Morel, Jeannie Falconer, Inter Ocean and Mrs. John Shrimpton, leaders in their special classes.

The plants were not in such profusion as in former years, but the specimens were simply grand and showed very careful cultivation. Dr. C. G. Weld, Mrs. B. P. Cheney, E. S. Converse and Jas. L. Little were the principal exhibitors, capturing several prizes, but with varieties that had been well tried and were winners at former shows. Mixed with the various groups of chrysanthemum plants, Mr. W. W. Edgar, of Waverly, made a fine exhibit of that elegant winter blooming begonia, Glory de Lorraine, interspersed with fine specimen plants of different varieties of ferns. The society awarded him a gratuity of $20, which was well deserved.

Among other exhibits were some fine blooms of some of the coming commercial flowers, prominent among which was a vase of carnation Melba, from Mr. John N. May, of a soft pink shade similar to Sweetbriar, and the new rose, Lady Dorothea, from John H. Dunlop, Toronto, a reminder of the old favorite Sunset. John H. Taylor, of Bayside, L. I., had a vase of an entirely new color in roses which is named Admiral Dewey, a rose with good foliage and stem, color somewhat similar to that of a Daybreak carnation, and which should be one that will take among lovers of roses.

It remained, however, for Mr. E. G. Asmus, of W. Hoboken, N. J., to attract a crowd of admiring florists, and he will have his hands full of business when he offers for sale the stock of that beautiful new crimson rose, originated by the Dicksons, of Belfast, Ire., and which is named Liberty. The vase of blooms shown by Mr. Asmus were elegant specimens and proved a drawing card to all commercial growers.

Mr. P. Fisher, of Ellis, Mass., showed a vase of nice blooms of his grand carnation, Mrs. Thos. W. Lawson, and S. J. Goddard, of Framingham, a vase of specimens of different varieties.

Awards.

The committee on plants awarded prizes as follows:

On plants, for display of twelve named plants, distinct varieties, first, J. S. Bailey; 2d, Mrs. B. P. Cheney; 3d, E. S. Converse.

Best three plants, Jap. inc., 1st, Mrs. B. P. Cheney; 2d, J. S. Bailey.

Three plants, reflexed, 1st, Mrs. B. P. Cheney; 2d, J. S. Bailey; 3d, Mrs. B. P. Cheney.

Specimen, incurved, named, 1st, Jas. Garthley, for Pink Ivory; 2d, J. S. Bailey, for Major Bonnaffon; 3d, J. S. Bailey, for Mutual Friend.

Specimen, reflexed, 1st, Mrs. B. P. Cheney, for The Bard; 2d, J. S. Bailey, for Symphonia.

Specimen anemone, 1st, J. S. Bailey, for Garza; 3d, to Mrs. Cheney, for Mizpah.

Specimen pompon, 1st, Mrs. Cheney, for Savannah; 2d, same with Bouquet.

For 12 plants, pot grown, single

Some Specimen Plants at the Boston Show.

stems, 6-inch pots or less, 1st, A. W. Blake; 2d, the same; 3d, Dr. C. G. Weld; 4th, C. H. Souther.

For six plants, red, 1st, J. S. Little; 2d, Dr. C. G. Weld; 3d, E. S. Converse.

Six plants, white, 1st, Dr. C. G. Weld; 2d, C. H. Souther; 3d, Jas. L. Little.

Six plants, pink, 1st, Dr. C. G. Weld; 2d, the same; 3d, Jas. L. Little.

Six plants, yellow, 1st, Dr. C. G. Weld; 2d, Jas. L. Little; 3d, Jas. Nicol.

Six plants, any other color, 1st, Mrs. A. W. Blake; 2d, Dr. C. G. Weld; 3d, Mrs. A. W. Blake.

Mrs. Blake also received first for a group of plants, without stakes, arranged for effect.

Six blooms, Jap., 1st, C. H. Souther; 2d, Mrs. Cheney; 3d, E. S. Converse.

Six blooms, Jap. inc., 1st, C. H. Souther; 2d, Mrs. Cheney.

Six blooms, ref., 1st, C. H. Souther; 2d, Mrs. Cheney; 3d, E. S. Converse.

Six blooms, anemone, 1st, E. S. Converse; 2d, Jas. L. Little; 3d, John Shepard.

Twelve sprays, anemone, naturally grown, 6 varieties, 1st, Jas. L. Little.

Twelve sprays, pompons, 1st, W. C. Winter.

Twelve best varieties, introductions of the current year, 1st, J. W. Howard.

For a vase of 10 blooms, long stems, pink, 1st, Mrs. David Nevins, with Viviand-Morel; 2d, Robt. Laurie, with Inter Ocean; 3d, Robt. Laurie, with Mrs. S. T. Murdock.

Some Cut Blooms at the Boston Show.

Cut Flowers.

On cut bloom, for the Josiah Bradlee prizes, 25 blooms, in 25 distinct varieties, named, 1st, Mrs. B. P. Cheney; 2d, Robt. Laurie; 3d, Mrs. David Nevins.

For 6 vases, 6 named varieties, 10 blooms each, 1st, E. M. Wood & Co.; 2d, Mrs. B. P. Cheney; 3d, Mrs. David Nevins.

For society's prizes, 12 blooms, incurved, 1st, Jos. H. White; 2d, C. H. Souther; 3d, Dr. C. G. Weld.

Twelve blooms (Jap. inc.), 1st, C. H. Souther; 2d, Mrs. Cheney; 3d, N. T. Kidder.

Twelve blooms, anemone, 1st, C. H. Souther; 2d, Jas. L. Little; 3d, Dr. C. G. Weld.

Six blooms, inc., 1st, C. H. Souther; 2d, Jos. H. White; 3d, John Jeffries.

For vase of white, 1st, E. M. Wood & Co., with Frank Hardy; 2d, Mrs. B. P. Cheney, with Mrs. H. Weeks; 3d, Mrs. David Nevins, with Eureka.

For vase, red, 1st, Mrs. Nevins, with Mrs. John Shrimpton; 2d, Mrs. Cheney, with same variety; 3d, Alex. Fraser, with A. Q. Drexel.

For vase, yellow, 1st, E. M. Wood & Co., with Jeannie Falconer; 2d, Mrs. Nevins, with Major Bonnaffon; 3d, E. M. Wood & Co., with same variety.

For vase of blooms, arranged for effect, 1st, Robt. Laurie; 3d, Mrs. David Nevins; 4th, C. H. Souther; 5th, Miss E. J. Clark.

For seedlings, Mr. Geo. Hollis was awarded first for a white one, Peerless, and Mr. E. G. Asmus, West Hoboken, N. J., for a yellow called Trainor L. Parks.

P.

CHICAGO.

A steady down-pour of rain during Tuesday, Wednesday and Thursday of last week caused a very slim attendance during the first three days of the chrysanthemum show. Friday and Saturday were pleasant and the two large floors were then packed with people, but the pleasant weather came too late to enable the society to come out even. There has been nothing but praise for the exhibition, and even one more pleasant day would have turned the scale. Fortunately the Horticultural Society had a surplus in the treasury, and though this will now undoubtedly be reduced, there will still be money to work with another year.

The awards up to and including Wednesday appeared in our issue of last week, but after we had gone to press a change was made in the award of the grand prize in the International contest. It appeared that the dozen chrysanthemum blooms entered by E. G. Hill & Co. were not all within the requirements of the contest and therefore the award was changed and the grand prize went to Mr. James Hartshorne, of the Chicago Carnation Co., Joliet, Ill. His varieties were Mayflower, Iora, Red Warrior, Mrs. H. Weeks, Murdock, Chito, Viviand-Morel, Mrs. Higinbotham, Philadelphia, Golden Wedding, Chas. Davis, and Boule d'Or.

A. Herrington, Madison, N. J., made a display of three dozen fine blooms, not for competition. There were eight varieties and all were magnificently done. His blooms of Frank Hardy were grand flowers.

Carnations.

Thursday was carnation day and a splendid display of flowers was made. In the classes for 50 blooms Wietor Bros. took first for Argyle and Alaska; Bassett & Washburn for Flora Hill, any other white (with Mary Wood), Jubilee and Scott; Hinsdale Rose Co. for McGowan; W. N. Rudd for Mrs. McBurney.

In the classes for new varieties, 25 blooms, Bassett & Washburn led in whites with White Cloud, W. N. Rudd in dark pink with Cerise Queen, Chicago Carnation Co. in light pink with Mrs. Jas. Dean, Wietor Bros. in red with Bon Ton, Chicago Carnation Co. in any other color with Gold Nugget.

In the classes for 15 blooms each, James Hartshorne was first for Flora Hill, Jubilee, Daybreak, Armazindy, Albertini, Mrs. G. M. Bradt and Mayor Pingree; Fred Bahr for McGowan, Tidal Wave and Scott; South Park Floral Co. for Mrs. McBurney and Helen Kellar; F. R. Hills for any other dark pink with Argyle. For best pink, introduction of 1898, James Hartshorne was first with Argyle.

Seedlings.

On Friday came the contest in seedling chrysanthemums and carnations.

C. A. Samuelson's Display, not for competition, at the Chicago Show.

In the classes for tested seedling chrysanthemums John N. May, Summit, N. J., won certificates of merit for Silver Wedding, white; yellow Mayflower, yellow; Mrs. Trainor L. Park, yellow. For display of first year seedlings N. Smith & Son were first with a fine collection. The same exhibitors received a silver medal and certificate for tested seedling Izanga, superb white anemone.

In seedling carnations the Chicago Carnation Co. took first for display of first year seedlings with a superb collection containing many that will undoubtedly be heard from later.

In tested seedlings F. Dorner & Sons Co. took first for red with G. H. Crane; Peter Fisher for dark pink with Mrs. Thos. W. Lawson; John N. May for light pink with Melba, Chicago Carnation Co. for variegated white and red with their seedling No. 11.

Various.

In violets, O. Sylvester was first, second being divided between Crabb & Hunter and Henry Smith.

For specimen plant in bloom, other than chrysanthemum, J. C. Vaughan was first with Acalypha Sanderi, J. Algots second with a standard heliotrope.

For best hanging basket or pot, ferns and asparagus excluded, J. Algots was first with Russellia Juncea, and John Cook second with a pot of Lysimachia nummularia.

Floral Arrangements.

The table decoration contest was interesting to the end. On Thursday roses were specified and American Beauties appeared on most of the tables, generally in a tall trumpet vase, often with the same roses laid on the cloth.

On Friday white flowers were called for. Bride and Kaiserin roses were much in evidence, generally in a trumpet vase, the base decorated with the same roses, or valley. One very effective base was of Asparagus Sprengerii, in which were placed a few small plants of Cocos Weddelliana.

On Saturday selection of material was left to the decorators and orchids and violets were largely used. Cattleya labiata appeared most frequently, Cattleya gigas, Dendrobium formosum giganteum, Dendrobium phalaenopsis and Oncidium varicosum also appearing in some of the arrangements.

The awards were made on the points of excellence scored during the four days, and the result was as follows: First, $125, Klunder-Thiele Floral Co.; second, $90, Chas. A. Samuelson; third, $60, Art Floral Co.; fourth, $40, Anderson Floral Co.; fifth, an ornamental mirror, A. Lange.

On Saturday came the competition in vases arranged for effect. For vase of roses Anderson Floral Co. were first with a tall vase of Beauties, a broad sash of red ribbon being attached to the vase and also to the stem of one drooping rose. South Park Floral Co. second, with a tall gilt braid trumpet vase of mixed roses trimmed with Asparagus plumosus.

For vase of chrysanthemums, Chas. A. Samuelson was first with a vase of Mrs. Jerome Jones; Anderson Floral Co. second, with one of Mrs. Jerome Jones and Maud Dean.

There was strong competition for the special prize of $25, offered by Bassett & Washburn for best basket of roses. It was won by C. A. Samuelson with a basket of Beauties arranged in Sprengerii, the handle decorated with three blooms of the same rose and sprays of Sprengerii.

Notes.

A few flowers of Dorner's unnamed new pink rose were shown by Bassett & Washburn.

Visiting florists were invited to register and were then provided with passes.

The special premiums offered by Mr. E. E. Pieser for carnations were well competed for.

The lighting by festoons of incandescent lights was a decided feature. The light was well diffused and there were no dark shadows.

Superintendent W. N. Rudd kept everything in running order and no detail escaped his watchful eye.

It is estimated that 5,000 people visited the show on Friday. But heavy rain, the election and grand opera was a strong combination to work against.

The judging by Messrs. A. Herrington, J. F. Cowell and E. Buettner met with the hearty commendation of all and not a single criticism of their work has been heard.

PHILADELPHIA.

The Chrysanthemum Show that opened on Tuesday evening, November 8, and closed the following Saturday was a credit to the Pennsylvania Horticultural Society in every way. The display was of excellent quality, varied and well arranged.

The features of the display were the Court of Honor, made by Hugh Graham, the orchids from H. T. Clinkaberry, the collection of new and rare plants from H. A. Dreer, the cut chrysanthemums from John Cullen, the specimens of Asparagus Sprengerii and Boston Fern, and the new rose, Liberty, from Ernest Asmus and Robt. Scott & Son.

At the entrance of Horticultural Hall the Stoke-Pogis Nurseries had a collection of evergreens. There were retinosporas and California privet, the latter recommended for a quick growing, or immediate hedge. Just inside in the corridor, the Andorra Nurseries had a few choice specimens in boxes. When fairly inside the building the scene was very beautiful. The main stairway was guarded by great bay trees at the bottom, while half way up where the steps divide was John Mitchell's specimen Boston fern with vases of large cut blooms of chrysanthemums, chiefly standard varieties, on either side a vase of Our Mutual Friend being in the place of honor. At the foot of the stairway to the right of the bay trees was a fine collection of palms from H. A. Dreer and a grand specimen Latania Borbonica from the Pennsylvania Hospital. To the left of the bay trees was a group

of araucarias and Wm. Tricker's water lily tank with the lilies in full bloom.

The Court of Honor was the central feature of the main hall. Graham had constructed tall white columns which reminded the spectators of the original. These columns were arched over, festooned with Asparagus plumosus, and lit by electricity within green and white shades. The Court was filled with choice chrysanthemums in jars and with foliage plants; one great vase of Philadelphia and Pennsylvania was appropriately placed on top. The outside of the Court was banked with the same material. The effect was enhanced by the Court being directly under the chandelier, making it as bright at night as the original.

Around the Court of Honor were the specimen chrysanthemums in pots. These were of excellent quality, better than have been shown since James Verner left the ranks of the private gardeners to become a commercial rose grower. John Hurley had some exceedingly well grown plants. The 6-inch pots, with one bloom each, were fine, large blooms with deep color, of fairly even height and well arranged. On the right Westcott's Nurseries had a graceful decoration of foliage and flowering plants.

Next came the Clinkaberry table of orchids, which received a certificate of merit for culture in addition to the first prize. In this collection is Renanthera Lowei, marked from the Philippines.

On the left of the hall was a fine collection of geraniums in 8-inch pots in full bloom. They showed the effect of culture; large, well formed and deeply colored flowers borne on long stems, and were most attractive.

Half way up the hall was Robert Craig & Son's Croton table, round, mound shaped, edged with maiden hair fern.

Fronting the right-hand stairway was a magnificent display of cut blooms of chrysanthemums from John Cullen. There were probably five hundred blooms, all up to exhibition standard. The general effect was striking. On the end of this table was a single plant of Acalypha Sanderii, which attracted considerable attention.

Opposite were the cut blooms of seedling chrysanthemums—Ernst Asmus sent Mrs. Trainor L. Parks, a handsome lemon yellow, nearly a perfect ball in form. Hugh Graham had Peace, said to be a cross between Philadelphia and Mrs. Frank Thomson. John N. May sent Yellow Mrs. Carnot, and there were a lot of other likely looking novelties. On the same table was Lady Dorothea, a new Canadian rose, from John H. Dunlop. It was falling when I saw it, having been there three days. It is a tea, of deep Sunset color, fragrant.

The hall over the staircase was devoted to ferns and tropical plants. It was rather dark here in day time, but lit up well under the electric lights.

At the top of the left-hand stairway was a magnificent specimen of Asparagus Sprengerii, the foliage so dense as to completely hide pot and pedestal; this from John Hurley. Opposite was a table of cut bloom chrysanthemums, which were in competition. On the other side was a small bank of new, rare or scarce plants from Henry A. Dreer, dracaenas, marantas, alocasias and the like.

The second day, Wednesday, brought the roses, carnations and violets. The feature of the rose table was Liberty, two vases. The color is an intense scarlet. The rose is certainly a beauty and worth looking at. John Cook, of Baltimore, sent a new seedling tea rose, unnamed, which the ladies greatly admired; it is yellow ground with salmon pink markings in the center. Mme. Jules Grolicz, from the American Rose Co., of Washington, is a deep rose pink, very fragrant. Mrs. Robt. Garrett is pretty, but was bruised.

In the standard sorts three of the crack growers were entered. The Amateur Rose Growers carried off the honors on the teas, while Joseph Heacock, ex Adolph, was first on Beauties, and George Anderson showed some superb Kaiserin.

The carnations made a fine exhibit. Dailledouze Bros. sent J. Whitcomb Riley a white with blush markings. Peter Fisher captured the Craig cup with the dark pink, Mrs. Thomas W. Lawson. Albert M. Herr showed some California varieties of promise.

R. M. Eisenhart became violet king, winning most of the first prizes, with a fine display.

The third day, Thursday, brought Luna, a fine white carnation, from H. Weber & Son, Oakland, Md. Hugh Graham arranged orchids for effect in the Court of Honor, using a mirror underneath to represent a pool of water, thus to enhance their beauty.

The fourth day brought three superb dinner table decorations, each with all necessary silver, glass and china. These were set in the main hall, some plants being moved aside. The lovely ladies judged them while the band played war-like music with artillery discharges for accompaniment.

Joseph Kift & Son had a round table, hollow in the center, through the opening came a huge vase of various varieties of white chrysanthemums, while around the base just above the level of the table appeared the heads of My Dear Friend, another white. The vase was tall and the other blooms low, so that there was no obstruction to the diner's view across the table. The favors were also of white chrysanthemums, with ribbon for the ladies' bunches and maiden hair and Croton leaves on the table.

Hugh Graham had a table similarly formed, only larger, with heavier ornaments. Pennsylvania filled the center, the flowers being of grand size and form. The favors were of violets and valley.

Pennock Bros. had a table smaller than the other two and without opening in the middle. Their center piece was a glass vase of fine Kaiserin roses. Asparagus Sprengerii was laid gracefully on the cloth. The favors were of white orchids, the glass light, the whole in exquisite taste.

The mantel decorations were both rich. Jos. Kift & Son took first, using white and pink—Maud Dean, chrysanthemums and palms, finishing off with Boston fern.

Julius Wolff, Jr., had some magnificent blooms in his mantel arrangement.

Should any exhibit have failed to receive merited notice the writer will appreciate a hint, as it is impossible not to miss some things of mark.

The attendance was good and ought to show a decided improvement over last year, when the count is complete.

A full list of awards will appear next week.

Show Notes.

The quantity of well grown geraniums shown ought to please Mr. Herrington. It does not often happen that advice given in the spring bears fruit the very next fall.

Messrs. Cullen, Dreer, Graham and Hurley were represented by many fine plants and flowers.

Frank Hardy was conspicuous among the whites.

Defender makes a fine specimen plant with its deep red flowers.

It was a pleasure to see W. H. Lincoln do so well. This orange yellow has a rich depth of color seldom equaled.

Viviand-Morel and Maud Dean are still most popular in their respective shades of pink.

The cut rose table was a vast improvement over last season. The Beauties, Brides, Maids and Meteors shown would be hard to beat, and the novelties were of great interest.

Liberty was somehow placed right under Beauty, showing the one weakness of that great rose, color.

C. F. Krueger, of the Reading Terminal, showed commendable enterprise in winning such a lot of rose premiums. It is a question whether a grower, who is morally bound to show his own stock only, should be brought into competition with a dealer.

Agnes Shellem won many warm friends among carnation lovers.

R. M. Eisenhart suggests that the time has now come when standard varieties of carnations should be classified for competition, like roses and violets. He thinks it untair that Scott and McGowan should be driven from the exhibition table because forced to compete with larger and less prolific varieties. The point seems well taken.

H. Waterer showed some handsome Japanese jars.

Part of the Philadelphia Show.

A couple were seen to pause in front of something that looked like a child's coffin in white flowers with "In Memoriam" at the head. "What is that?" she asked. "An Esquimaux sledge," was his prompt reply.

Mrs. Starr's bright description of the Philippine orchid; that the individual blooms resembled chieftains' heads with arms outstretched as though saying, "Come, take us," will have to be cabled to Judge Day at Paris.

Latania aurea, while a beautiful plant, seemed to impress many persons with the idea that it was ill.

Among the many prominent horticulturists who visited the hall were: William R. Smith, Washington, D. C.; John N. May, Summit, N. J.;; William Falconer and Fred Burkl, Pittsburg; F. L. Atkins, Short Hills, N. J.; Dailledouze Bros., Flatbush, L. I.; William Nicholson, Framingham, Mass.; Chas. H. Allen, Floral Park, L. I.; Charles Weathered, New York city; Benjamin Durfee, Washington, and John Cook, of Baltimore.

The Florists' Club kept open house on Wednesday evening in honor of the visitors. The gay sparks bowled, the more dignified played shuffleboards, while the lesser lights played pool. It was pretty good fun to watch the experts with the cue dallying with the novices so as to make hair-raising finishes. Then there were refreshments, including John Westcott's famous punch, which bears but slight resemblance to the innocent beverage you get at parties. This entertainment took the place of the usual dinner and proved a popular innovation.

J. W. Y.

ST. LOUIS.

The eighth annual Chrysanthemum Show opened Tuesday night, Nov. 8. Bad weather kept many away the opening night. Wednesday it rained all day and night and Thursday morning it opened up with snow. The attendance was very light the first two days. After this we had fine weather and attendance was good the last three days. Friday was our banner night. The attendance was the largest we have ever had.

The large Coliseum was tastefully decorated by Frank J. Fillmore and Julius Koenig, Jr., and too much cannot be said for these two workers, also Mr. Fred Meinhardt, who acted as assistant manager, and C. C. Sanders and C. A. Kuehn, the finance committee. These five members were of great assistance to the manager and without them the show would not have been a success.

Among the most noticeable features the first night were the 48 flowers, 8 sorts, 6 of each, shown by E. G. Hill & Co., Richmond, Ind., which received first. The varieties were: Harry Hurrell, Quito, Fee du Champsaur, Mrs. Egan, M. Verlot, Mrs. G. Morgan, Merula and Mrs. Seulberger.

F. Dorner & Sons Co. showed two fine vases of new carnations; G. H. Crane, scarlet and Maceo, dark red; N. Smith & Son exhibited some very fine blooms the latter part of the week. J. C. Vaughan sent three new geranium plants, which were much admired. E. G. Hill's fine vase of 25 blooms of Phenomenal took first.

In the Shaw prizes, W. A. Chalfant won first on Bonnaffon, the finest ever seen. In any other white variety, Vesey's Frank Hardy won first. Any other yellow variety was won by Max Herzog, of St. Louis, with Golden Wedding, scoring 99 points; very fine.

In any variety introduced in 1896-97-98, Vesey was first with Autumn Glory, 96 points; Weber & Son second, with C. H. Pierce, 95 points, and Western King, by Nathan Smith & Son, third, with 94 points.

Visitors at the show from out of town were: Mr. and Mrs. Vesey and mother, Fort Wayne, Ind.; A. Resig, with Nathan Smith & Son; A. F. J. Baur, Erie, Pa., representative of E. G. Hill & Co.; H. Weber, Oakland, Md.; W. A. Chalfant and wife Springfield, Mo.; G. M. Kellogg, Pleasant Hill, Mo.; Alex. Halstedt and wife, W. Trillow, E. W. Guy, W. Hucke, M. Semmler, G. Grossart, of Belleville.

A full list of awards will apear next week.

J. J. B.

BUFFALO.

Our Flower Show closed Saturday evening, one day longer than was at first intended, and the extension of time was profitable. If two miserable days had been ordered for our discomfort they could not have surpassed the rain, sleet and snow of Wednesday and Thursday. There was no let up for 48 hours continuously. No one could be expected to leave their fireside. Friday and Saturday were bright, clear days and a good attendance was the result. We shall come out about even, but with our small expenses had the elements only half favored us we should have done much more. People say, "You did not advertise enough;" perhaps not, but we advertised as much as we thought we could afford. We believe there is something else till our society people learn or believe that it is the proper thing to meet and promenade at a flower show. We will only get the few who are really fond and friends of flowers. With music, that is good, but only ordinary, and the silent, innocent flowers and plants there is a lack of action, and it is action the people will run to see. The man of moderate means pays 50 cents to see a high kicking biped. The millionaire pays $5 this week to see a high-stepping quadruped, but to our show.

If not adding to our treasury, we are proud of the exhibition. The hall, or more properly store, in which it was held was grand for the purpose; 200x40 feet, and it was filled with exhibits. Competition among our commercial florists was ridiculously small, to their shame, but that was more than made up from the noble contributions from the Parks, Forest Lawn Cemetery and the State Hospital.

The two front windows were made attractive by contributions from Wm. Legg and Thomas Clayton. Mr. C. D. Zimmerman made an interesting display of palms and chrysanthemums, with many neat specimens of evergreen in pots. Mr. James Braik sent from the Delaware Park Greenhouses a group of decorative plants covering over 400 square feet, which was dotted here and there with single stemmed mums. Besides this much admired group there came also an immense bank of bush plants, chrysanthemums, including over 50 varieties. A feature of the Delaware Park exhibit was the most artistic decoration of two pillars with fruit and foliage of our hardy trees and shrubs; it was a most effective feature and the work of Geo. McClure.

Forest Lawn Cemetery sent many grand palms, as well as pandanus, anthuriums, alocasias, etc. Mr. Troup, the widely known superintendent, is justly proud of his palms, for more perfect, finer specimens do not exist anywhere. The State Hospital easily took first prize for adiantums, for they sent a dozen Farleyense and cuneatum that would average 4 feet across, also a good collection of palms.

The Botanic Garden, South Park, had an exhibit that was long to be remembered by all. There was only one thing lacking about it, and that was Prof. Cowell. The collection occupied one entire end of the hall, overflowed someway on to the side tables, and there was enough yet to spare to make two large groups on the main floor. It would be a catalogue were I to tell you all that it contained. What pleased the people were the orchids, nepenthes, immense crotons, dracaenas, anthuriums, alocasias, immense adiantums, and noticeable were no less than six species of pandanus. I measured a bush of Croton Rothschild and without the slightest tying out it measured 6 feet by 6 feet.

Once more I take occasion to say that without the unselfish hard work of Messrs. Braik of the North Park, Cowell of the South Park, and Troup of Forest Lawn, we should not have been in it, as it was these contributions that gave our exhibition an effect that I don't remember seeing elsewhere on any occasion, and we had other friends. E. G. Hill & Co., Richmond, Ind., sent a vase of chrysanthemums, 25 distinct flowers, and all beauties, and 50 blooms of his fine Scarlet Carnation America. Salter Bros., Rochester, brought a vase of that very fine early Yellow G. S. Conover, also some very fine mignonette. Jerry Brookens, of Orchard Park, staged two fine vases of Viviand-Morel and Bonnaffon.

E. Leuly, W. Hoboken, exhibited a fine bunch of the new Yellow Pennsylvania. G. Urban Jun (amateur) sent a large collection of Carnations, many varieties. John Dunlop, Toronto, sent a fine lot of his new rose, Lady Dorothea. Peter Crowe, besides his portly self, brought some fine Bridesmaid roses and several bunches of magnificent violets.

We are just as much indebted to Nathan Smith & Son for their grand flowers and to George Fancourt for his fine roses, if they did enter them for competition.

In trade exhibits Henry A. Dreer sent a fine assortment of palms, etc., all of which added to the general effect. S. A. Anderson and W. A. Adams both sent a fine basket and design, respectively, not for competition.

Mr. Kasting was willing to do anything and show anything to make the show a success. Our manager, Tom Clayton, stuck to his duty like a man. Mr. Buddenborg and Mr. Beuchi worked incessantly, and of course so did our worthy secretary, Mr. Legg.

For those people who will neither give us a moment of their time or a leaf or flower to add to the show, I have nothing but the sincerest contempt. They are sordid, narrow minded creatures, willing to reap a benefit from others' work, even to a lying report by the newspapers. There may be some of our members whose interests are best served by winking at an injustice, but the writer is not in that predicament, and he is thoroughly and deeply disgusted with the majority of our noble army of florists, and the recent past has taught us a lesson.

We are indebted to both local friends and outside firms for contributions to our premium list and wish to acknowledge our thanks to all among trade contributors. We are indebted to the New Brighton Pot Co. for a fine donation of flower vases and to the Messrs Balsley (Detroit Flower Pot Mfg.) for several crates of their excellent ware. The few classes and sections where competition amounted to anything are found below and will bring in all the names that are not already mentioned:

AWARDS.

Twelve ferns, any variety—First, State Hospital; second, Wm. Scott.

Twelve best decorative palms—First, Forest Lawn; second, Wm. Scott; third, State Hospital.

Six best decorative palms—First, State Hospital; second, Wm. Scott.

CHRYSANTHEMUMS (GROWERS ONLY).

Twelve blooms, white—First, W. Scott; second, N. Smith & Son; third, G. Fancourt.

Twelve blooms, yellow—First, W. Scott; second, N. Smith & Son; third, T. A. Webb.

Twelve blooms, pink—First, N. Smith & Son; second, W. Scott; third, T. A. Webb.

Twelve blooms, crimson—First, N. Smith & Son.

Twelve blooms, any other color—First, G. Fancourt; second, T. A. Webb.

Six blooms, white—First, Wm. Scott; second, T. A. Webb; third, J. C. Bamberg.

Six blooms, yellow—First, Wm. Scott; second, T. A. Webb.

Six blooms, pink—First, Wm. Scott; second, J. C. Bamberg.

Six blooms, crimson—First, N. Smith & Son; second, W. Scott.

Twenty-five blooms, arranged in vase for effect—First, Neubeck & Myers; second, W. Scott.

Twelve blooms arranged in vase for effect—First, W. Scott; second, J. C. Bamberg.

Twenty-four blooms, in 24 distinct va-

A Section of the St. Louis Show.

rieties—First, N. Smith & Son; second, J. C. Bamberg; third, W. Scott.

Fifteen blooms, in 15 distinct varieties—First, N. Smith & Son; second, W. Scott; third, T. A. Webb.

CUT ROSES, ETC., OPEN TO ALL.

Twelve American Beauty—First, Wm. Scott; second, C. F. Ginther, Hamburg, N. Y.

Twelve Bridesmaid—First, G. Fancourt; second, W. Scott.

Twelve Bride—First, G. Fancourt; second, W. Scott.

Twelve Perle—First, W. Scott; second, G. Fancourt.

Twelve Kaiserin—First, C. F. Ginther; second, W. F. Kasting.

Twelve, any other—First, G. Fancourt; second, W. Scott; third, W. F. Kasting.

Largest display of roses—W. F. Kasting.

Fifty scarlet carnations—First, G. Fancourt; second, T. A. Webb.

Fifty white carnations—First, W. Scott; second, G. Fancourt.

Fifty pink carnations—First, G. Fancourt; second, W. Scott.

Largest collection carnations—First, W. Scott; second, G. Fancourt.

One hundred double violets—First, J. W. Feeter, Highland, N. Y.; second, W. F. Kasting.

Wreath, not to exceed 18 in.—First, W. Scott; second, H. Buddenborg.

Flat bunch flowers—First, W. Scott; second, Neubeck & Myers.

In addition to the above there were several dozen premiums and in most cases a creditable exhibit, but as there was but one exhibitor it would be tiresome and stupid to repeat his name. The roses grown and exhibited by Mr. Fancourt and Mr. Ginther were grand, and where they were beaten was only by the fine stuff of John Dunlop, of Toronto. The Mr. Bamberg, who showed so well in chrysanthemums, was the leader of our orchestra. See what a real lover of flowers can do! We thought for the pride of taking so many premiums he would at least throw in one day's music.

Adam Graham had little to do on plants but to admire them; sorry for it. Mr. Eyres, of Albany, had more to do on cut flowers, etc., and did it well. W. S.

INDIANAPOLIS.

The weather was very disagreeable, raining every day since Tuesday, and consequently the attendance at the Chrysanthemum Show was very meager. The result is the society is poor financially and, judging from comments by various florists, flower shows will be a thing of the past in this city.

The hall was tastefully decorated with wild smilax, Florida moss and flags. There were no overhead decorations, the moss and smilax being used to good advantage on the balconies. A number of incandescent lights were interspersed among the moss and smilax in the corridors, which made a very pretty effect.

There were quite a number of outside florists in attendance, who considered the present exhibition one of the finest, if not the finest, given in this city.

The Indiana Florists' Club entertained visiting florists Wednesday evening at the Walla Halla, bowling being the principal attraction of the program. James Hansen, a local florist, won first prize; T. Bock, second, and H. Rieman, third. A very enjoyable time was had. On Thursday afternoon a match was made up between Ohio and Indiana florists, the Indiana boys (sorry to say) scoring the Ohio boys in fine style.

The exhibition of roses was considered the best ever seen at our shows, some really magnificent blooms being staged. In the class calling for 36 blooms each were seen many grand blooms, and this class was a decided attraction.

The carnation display was not up to the standard.

One of the features of the show were the fine geraniums shown by H. Rieman in 8 to 10-inch pots, which were a mass of bloom.

Mr. Theo. Bock, of Hamilton, O., acted as judge of the exhibition, and made the following awards:

Plants.

H. Rieman took first for largest six plants, second for specimen plant pink with Pink Ivory, first specimen white, first specimen red with Childs, first 12 market plants, first for 6 market plants with Cullingfordi, second 25 white, single stem, also 25 yellow, first

for 25 red with Childs, also 25 any other color with Chito, second for 50 yellow and 50 white with Sunderbruch and Robinson, first 50 in variety.

The Berterman Flo. Co. received second for 6 largest plants, first for specimen pink with unusually large specimen of Murdock, first for pink standard, first for yellow standard.

J. Heidenreich, first for specimen yellow with Fewkes, second on 12 market plants, first best six market plants white with Ivory, first 6 yellow with Sunderbruch, second on 6 pink with Irma, first 25 pink with Perrin.

Huckreide & Son were third for 6 largest plants, second specimen white, second specimen yellow, also red, also 6 market plants white, 6 yellow, 6 red, 25 pink with H. Bloodgood, first white standard with Silver Cloud.

Stuart & Haugh, of Anderson, Ind., were second for 6 pink market plants with well grown plants of exceptionally good color of Pink Ivory, second 50 in variety.

Crabb & Hunter, of Grand Rapids, Mich., received first for 25 white single stems with fine Robinsons, 25 yellows with Bonnaffon, 50 white and 50 yellow with same varieties.

Cut Flowers.

H. Rieman received first for 10 varieties, 3 blooms each, second for 25 Bonnaffon, first 25 Mrs. H. Weeks, second 25 Mrs. Perrin, 25 Modesto, first 10 yellow, second 10 pink, first 25 white with Robinson, first for 10 blooms with Mrs. Weeks.

Stuart & Haugh, first 15 varieties, 3 blooms each, including Perrin, Peabody, Longfellow, Geo. W. Childs, Chas. Davis, first 10 white, second 10 red, second on 10 blooms one variety, first 12 blooms, 12 varieties, including Modesto, Solar Queen, Philadelphia and Morel.

E. G. Hill & Co. were second on 25 Mrs. H. Weeks, first 25 Modesto, second 25 yellow, second 25 pink, first 25 red or bronze, second 100 pompons.

N. Smith & Son received second 15 varieties, 3 each, including Monstrosa, E. A. Kimball, Niveus, Snow Queen, first 10 red, 25 yellow, second 25 red or bronze, second on 12 blooms, 12 varieties, first for 100 pompons.

J. Heidenreich was first for 25 Mrs. Perrin, also 10 pink, also 25 pink.

For 25 Bonnaffon G. Tellman received first prize.

Huckreide & Son were second for 10 yellow, also for 25 white.

The Berterman Flo. Co. were second for 10 white.

In roses South Park Flo. Co. were first for 10 Bride, 10 Maids, 10 Perles, 36 blooms, white with Bride, 36 pink with Maid.

Stuart & Haugh received second for 10 Bride, 10 Perle, 10 Kaiserin, first for 10 Carnot.

H. Rieman was first for 10 Meteor, 10 Morgan, 36 yellow, 36 red with Meteor, second for rose display.

The Berterman Flo. Co. were first for rose display.

In carnations W. W. Coles, Kokomo, Ind., was first for 50 white, 50 red.

South Pk. Flo. Co. were first for 50 pink and second for 50 white.

Stuart & Haugh were second for 50 pink.

Fred Dorner & Sons Co. received a certificate of merit for new red seedling.

Miscellaneous.

In display of ferns the competition was keen; Reiman, first; Berterman Flo. Co., second; Stuart & Haugh, third.

Rex begonias, first Rieman, second Stuart & Haugh.

Berterman Bros. made the only table decoration.

Fancy decorative plants, Berterman first, Rieman second.

WORK OF THE COMMITTEES.

New York, Nov. 5.—Wm. Anderson, Mamaroneck, N. Y., exhibited Mrs. F. A. Constable. Jap. Pure white. Scored commercial scale 91, exhibition scale 95 points. F. R. Pierson Co., Tarrytown, N. Y., exhibited G. J. Warren. Jap. Canary yellow. Scored commercial scale 78, exhibition scale 85 points.

Philadelphia, Nov. 5.—Jno. N. May, Summit, N. J., exhibited Mrs. Trainor L. Park. Jap. inc. Yellow. Scored commercial scale 91, exhibition 90 points. Same grower exhibited Mrs. N. Molyneaux. Jap. White. Scored commercial scale 90 points. Also Yellow Mayflower. Jap. Light yellow. Scored both scales 88 points. Mavourneen by the same grower. Jap. Pink. Scored commercial scale 85, exhibition scale 83 points. H. B. Surman, Germantown, Pa., exhibited Mrs. J. V. Merrick. Jap. Pink. Scored commercial scale 82 points.

Chicago, Nov. 5.—John N. May exhibited Meta. Inc. Jap. White. Scored commercial scale 86 points. Yellow Mayflower by the same grower. Ref. Jap. Light yellow. Scored commercial scale 84 points. He also exhibited Mrs. Trainor L. Park. Inc. Jap. Yellow. Scored commercial scale 89 points. Nathan Smith & Son, Adrian, Mich., exhibited No. 35-4. Inc. Jap. Pink. scored commercial scale 82 points. Shilowa by the same growers. Ref. Jap. Crimson. Scored commercial scale 86 points. G. P. Rawson, Elmira, N. Y., exhibited (no name or number). Ref. Jap. White. Scored commercial scale 81 points. Smith & Son, Cleveland, O., exhibited Yellow Ivory. Inc. Jap. Yellow. Scored commercial scale 73 points.

Cincinnati, O.—Nathan Smith & Son exhibited 35-6. Jap. Blush pink. Scored commercial scale 81, exhibition scale 80 points.

New York, Nov. 12.—F. R. Pierson & Co., Tarrytown, N. Y., exhibited Mlle. Lucie Faure. White Inc. Jap. Scored commercial scale 86, exhibition scale 80 points. Jas. R. McDonald, Riverdale, N. Y., exhibited Col. D. Appleton. Yellow Inc. Jap. Scored both scales 92 points.

Philadelphia, Nov. 12.—C. W. Ward, Queens, L. I., exhibited Admiral Dewey. Yellow Jap. Ref. Scored commercial scale 87, exhibition scale 85 points.

Boston, Nov. 8.—Grove P. Rawson, Elmira, N. Y., exhibited (*) Pride. White Ref. Scored commercial scale 86 points. E. G. Hill, Richmond, Ind., exhibited Phenomenal. Light bronze Jap. Inc. Scored exhibition scale 87 points. Nov. 12th.—Nathan Smith & Son, Adrian, Mich., exhibited 25-1 Amaranth pink Jap. Inc. Scored exhibition scale 78 points. C. W. Ward exhibited Admiral Dewey. Chrome Yellow Ref. Scored commercial scale 90 points. John N. May, Summit, N. J., exhibited Yellow Mayflower. Primrose Yellow. Jap. Scored exhibition scale 89 points. The same grower exhibited Silver Wedding. White Ref. Scored commercial scale 90 points.

Cincinnati, Nov. 12.—Theo. Bock, Hamilton, O., exhibited No. 97. Light Pink Inc. Jap. Scored commercial scale 79 points. Nathan Smith & Son exhibited Shilowa, Red Jap. Scored commercial scale 80 points.

Chicago, Nov. 12.—E. G. Hill & Co., Richmond, Ind., exhibited Gen. Custer. Red Jap. Ref. Scored commercial scale 79 points. John N. May exhibited Mavourneen. Pink Ref. Jap. Scored commercial scale 84 points. Silver Wedding was shown by the same grower. White Ref. Jap. Scored commercial scale 82 points. Nathan Smith & Son exhibited Izanga. White, Lemon disc, Anemone. Scored exhibition scale 85 points.

(*) This variety was mentioned as (no name or number) in my last report. ELMER D. SMITH, Sec'y.

PROVIDENCE.

The annual exhibition of the R. I. Horticultural Society was held Nov. 9, 10 and 11th. The exhibition this year fell far below the usual excellence both in quantity and quality. Thursday was a very stormy day, therefore the receipts at the door for the whole season was greatly reduced. Furthermore the interest in chrysanthemum exhibitions in this city and state has largely subsided, and they no longer attract the great throngs of a few years ago. One cause assigned for the deterioration of the exhibits, was the lateness of chrysanthemums in reaching to perfection. If the exhibition was held a week or ten days later a finer showing would have been made.

However, there was sufficient excellence in the exhibits to attract the visitors, and many expressions of wonder were heard at the fine showing made.

Especially fine was the exhibit of our chief mum grower, Farquhar Macrae, who took first, second and third

prizes for the best 6 vases of 10 cut blooms each. This is the fourth time friend Macrae has taken the silver offered as first premium.

An excellent display was also made by W. Goddard, Alfred M. Powell, gardener, who won several premiums.

C. W. Regester exhibited plants and took first premium on several classes. Hazard Meeden Co. also showed some fine blooms.

There were fine exhibits of carnations by Homogansett Greenhouses, John A. Macrae, Farquhar Macrae, N. D. Pierce, Jr., and S. J. Reuter.

John A. Shellem, Philadelphia, sent at too late an hour for official examination a vase of a new white carnation, Agnes Shellem. "E. Leuly, West Hoboken, sent a vase of his new seedling mum.

Roses were exhibited by S. J. Reuter, of Westerly, and F. Macrae.

A display of fruit of great excellence was also on the tables, showing what Rhode Island can do in this line of horticulture. One of the finest exhibitions in the fruit line was a large platter of Box pears, by J. H. Palmer, for which a premium was awarded for excellency of cultivation.

The managers have felt obliged to provide some entertainment for the visitors as an extra attraction, and a concert each afternoon and evening by the Providence Lady Orchestra, was given. S.

OTHER EXHIBITIONS.

A number of exhibition reports are unavoidably laid over till next week.

Violets.

Recently a subscriber asked the question, "Should runners be cut off violets?" I cannot remember his exact words, but they were near enough this, "Should runners be cut off?" There are two classes of runners, there is the runner which may be called almost a subdivision of the crown. This you must leave on. There is another class, which is a spindling growth which is of no benefit to the plant during the winter months. They should not be pulled off; they should be cut off. Pulling them off is liable to injure the crown. Cut them off as close as you can. After Feb. 1st many growers allow all runners to remain on, and as their destiny is to make individual plants of themselves, they frequently produce the finest flowers for late spring.

A little word of advice at this season of the year is very seasonable to violet growers, or those who attempt it. The spot is generally considered the violet growers' greatest enemy, but not by any means is it. The spot is kept down easily by a dry atmosphere and low temperature, not syringing unless it be on fine mornings to keep down red spider. The spot has been conclusively proved to be spread by moisture and while mild nights you do not want temperature of over 45 degrees it is far better to have a little heat and plenty of air than a damp, stagnant atmosphere. The spot is a fungus and easily avoided, for when it appears in its earliest forms, which can be easily detected, pick off the leaf affected. Plenty more healthy leaves will spring from the crown. The minute fly which punctures the leaf, deposits its egg in the tissue, is the dreaded enemy of all violet growers and has upset the hopes of thousands. How to kill it is not generally known. Its cure is rather a dangerous operation and my experience with its use is not yet extensive enough to warrant my imparting it to others. If you can avoid the curl leaf you have about reached the goal of violet growing.

Chrysanthemums.

There is quite a difference of opinion on the best method of carrying over your stock of chrysanthemums. To produce healthy cuttings in the spring, one of the best authorities says, that he takes healthy cuttings before the plants are lifted from the bench, puts them in the sand, roots them and afterwards plants them on a bench, and from these plants, which make a good vigorous growth, he obtains his stock. That is very good for a specialist, but a moderate grower hardly needs that method. If he has a few of each of his varieties in pots, I do not believe there is a better plan than saving a few of these pot plants. When out of flower or cut down, put a few of the most healthy specimens away. They may do under a bench for a week or two, but this is no place for them for any length of time.

The chrysanthemum is a shrub in China and Japan, not a deciduous shrub exactly. We may call it more like our raspberry, whose canes grow one year, fruit and then die. If you will put away a few pot plants of each variety in a cool house with fair light, never mind how near freezing it is, and even a few degrees of frost will not hurt, you will be more likely to start well on your next season's crop.

Lilies.

You will yet be very crowded on your benches and perhaps your later lot of lilies will be yet out of doors. I would once more advise you not to leave them uncovered in inclement weather. A sharp freeze may appear any night and would be very injurious to them. Have the means at all times of covering them with glass. Once more let me say, when a Bermuda lily shows any decided streaks of yellow or spots of yellow, that plant is diseased and it is the utmost folly for you to incumber your benches with it. Get rid of them. Make room for better stuff.

Roses.

There is no time of the year when the skill and attention of the rose grower is taxed more than now. When we get steady freezing weather, perhaps hard frosts, there is less likelihood of extremes of temperature. Many times has it been said in these columns that one of the worst mishaps to roses is a damp, chilly night without fire. After firing begins in the early weeks of October or September, it is impossible with any chance of success, that you can dispense with it, even if the temperature went up to 60 degrees at night.

Mildew should have disappeared and if it has not, there is nothing better than painting your pipes with some mixture of sulphur. Sulphide of potassium is rather strong and it would be entirely unnecessary to cover the pipes with it, which you can do with the ordinary mixture of flour of sulphur and linseed oil, but the sulphide can be put on here and there in daubs, mixed either with linseed oil or any medium with which it will mix. Rose growers differ largely on what is the proper temperature, but the best article always pays the best prices, and a rose bud that fetches 10 cents wholesale or even 5 cents, is very much better than producing three which only return two cents apiece. If your house is never let drop below 55 degrees at night, you will be doing first rate, and never let it go above 58, unless the outside conditions compel it. Mildew is not produced by a low temperature, in fact otherwise, and possibly if the roses were kept at 70 degrees at night uniformly they would

not have mildew, but it is the sudden changes which affect the health of the plant, and give a chance for the resting spores of the dreaded mildew to get in its work.

Hydrangeas.

As soon as benches are vacant you should put up your Easter hydrangeas. Bringing them along slowly for two months is much better than doing all the forcing in the last two months. Easter is rather early next year and they will want all the time you have to be in perfect flower. If they need a larger pot to flower in do the shifting when you put them on the bench. They are the hungriest kind of feeders, so use a rather heavy loam with a fourth of cow manure.

Azaleas.

The azalea is now one of our leading Christmas plants. If plants that you have summered over, many of them will force for the holidays, but if fresh imported plants, only a few varieties should be attempted. Dentsche Perle is the best and easiest of all whites to force; Simon Mardner, a fine double red, and Vervaneana, the beautiful pink variegated. While all your main stock of azaleas should be in a cool house a night temperature of 40 degrees is plenty high enough, and much less would do. Those you want for Easter should be in 55 to 60 degrees and daily syringed.

Poinsettias.

Much has been said during the past year about poinsettias. One point may have escaped some reader. If you have a batch that you think are in too small pots and showing yellow leaves, don't shift them or you will ruin them. They will not at this date submit to any disturbance of their roots, however slight. Feed them if crowded with roots, but don't disturb them.

WM. SCOTT.

Flowers for Thanksgiving Day.

Yes, indeed, if we only stop to consider it we have lots to be thankful for and should hail Thanksgiving Day in its true meaning and with extreme pleasure. Let us crown the day with our best garland of flowers, and give to the occasion the refining influences of our beautiful art. The florists of this glorious country are occupied in a business that in itself is a grand example of the great advancement of civilization. We have quickly followed the pioneer and miner out to the plains, and have received from them and given to them encouragement and pleasure from flowers. We have ornamented the festive board of the wealthy and given to beauty a charm only obtained from smiles of roses.

Yes, we florists have tramped along the rough road and the smooth, and whatever discontentment we may have met it has been due to our own weakness—our own way of conducting business. We should recognize the fact that flowers are essential to almost every important act in life—this is a great and good market, and that we can always make it better. We should be too big to stoop to consider the smallness of that part of human nature which is steeped in impecunious bickerings, and join in and occupy all the way one very prominent position in the triumphal march of Columbia's magnificent prosperity.

Yes, indeed, we have much to be thankful for, we florists—and let us show our appreciation by our endeavors to please—let us whenever possible—and it is possible in most cases, lead off in all the beautiful customs which combine to make a people great. Sentiment is the life of the individual, and the nation and our business depends on it. Therefore on an occasion like this we should be fully prepared to suggest and execute suitable forms of decorations.

Flowers for Thanksgiving Day should be bright and glorious! Red will be the leading color, and don't forget the stars and stripes should be used wherever possible. Vases of Meteors and vases of American Beauties will be the most suitable dinner table decorations, and don't use much greens on the table; have your roses either in low rose bowls or in tall vases; avoid medium heights. The Morgan or Cusin rose make a beautiful center piece if arranged loosely in a low bowl, and let one or two of them fall over the side; it won't hurt if one or two lay on the cloth. You need no ferns, etc.; their own foliage is enough. The principle to recognize in Thanksgiving preparations is, the flowers should be abundant but simple in arrangement.

Many of us will be called upon to decorate for club dinners and even private social affairs where we will be required to do something more expressive; that is to say, the use of flowers, fruit and vegetables, and the national colors will be greatly used. On many occasions the flag can be utilized for a table cover and the napkins be of the national colors. Small sheafs of wheat. We don't mean funeral design wheat, but good, unthrashed American wheat cut about a foot in height, tied in sheaves with a spray of autumn foliage and a cluster of yellow or bronze chrysanthemums. There may be placed each side a large bowl of red roses. Use a few grape vines with foliage and fruit on them if obtainable, and keep your vegetables separate, and only the finer ones, such as tomatoes, celery, egg plant, parsley, etc., should be used.

Ornamental gourds look pretty, and the Chinese lantern plant (Physalis Franchetti) is beautiful for an occasion like this. Flowers and fruit should predominate and autumn leaves or miniature cornucopias should take the place of dishes. If you have a room to decorate, chrysanthemums can be used to advantage with vines or sheaves of wheat or corn.

There are a great many ways flowers may be used, but you will find that tall vases, filled with them, give most satisfaction. The people are more and more becoming tired or disgusted with baskets, and most of the flowers bought for Thanksgiving, will be your best and prettiest in boxes. Churches will be decorated, and you should know that there are very few colors appropriate. Of course, greens can be used in abundance. Wild smilax or asparagus is admirable material, but only white flowers, some crimson, and possibly a little pink, should be used. Yellow, bronze, scarlet, and orange colors should be avoided in Church decorations.

Violets will be the principal flower worn, and there are many ways of fixing them. In the first place, they should be sweet, avoid using violet tinfoil, because it smells too strong. If you want to cover the stems, twist a piece of narrow violet ribbon (No. 1½, or No. 2) round them, and tie a small bow up under the leaves. If you make a large corsage bouquet, don't use smilax or other green, for it is not necessary; tie the violets loose, and use their own foliage, or a

few small tips of ivy. Ferns wither too quickly, smilax is apt to smell, and asparagus is too stiff. Violets are best by themselves, and should be very carefully handled; keep them air tight in a sweet box. Violet-colored lace handkerchiefs are used to wrap round the stems, and loosely encircle the flowers; they give a pretty effect. These cost about $1.25 per dozen. Violet Japanese paper napkins are also used to put in the box, and cost 20 cents per 100.

Lily of the valley is another popular flower for Thanksgiving favors, and be sure you rebunch it, and take off the dirty stems, tie it with a bit of No. 1 white ribbon. Use valley whenever possible, with Meteors they are a good combination.

Another lovely little flower, and one we like to use at all times, is the Star Jasmine (Jasminum gracillimum). Put a spray in any box of cut flowers, particularly with red roses, and it will captivate anyone. Swainsona galegifolia alba is another good flower, a few sprays or a bunch of it is permissible with anything, and it keeps well, too.

Some one may want a dinner with the National colors in flowers. This will be difficult to do just now, because blue flowers are scarce. Deep colored Vanda caerulea, lily of the valley, and anthuriums, or Meteor roses, are the best you can do. Oncidiums are in, and they make a very light and graceful decoration; try them with A. Farleyense. IVERA.

THE CULTIVATION OF FLOWERING BULBS.

[Read by William H. Siebrecht, before the New York Florist Club, Nov. 14, 1898.]

This subject is certainly nothing new to European bulb-growers, but entirely new and uncertain to growers in this country, on account of the lack of experience and trial, to try and find the right way of doing it, the right soil, the right location, and the right temperature. When once these are found in this extensive country of ours —in which there is a greater variety of land than in any other—we will be able, not only to keep our money at home, but to supply other countries with our products. Certainly undertakings of this kind take patience, time and capital, of which some people have plenty, and would gladly invest the same if they only knew how to go about it.

The soil should be rich and sandy, or nearly so, for easy working, easy for water to drain, easier to force and to ripen the bulbs better, also to give a healthier and fine appearance to bulbs when put on the market. Furthermore, the land should be situated so as to be almost level, and can be sub-irrigated by canals and ditches, through which the water is supplied, and kept at all times in reach of the roots of the growing bulbs, at a distance of 500 feet or more, with smaller ones crossing these.

The principal and main point is to keep the water as much as possible on a level at all times of their growth, which will prevent them from being checked for the want of moisture. This is the reason why they cannot be grown successfully everywhere, as the necessary moisture is not on hand in times of need, and land should be no less than three feet and no more than six feet above the water level.

The climate for all sorts of Dutch bulbs should be a moderate temperature; not too warm in winter, nor too hot in summer, would suit them best. Bulbs when planted in the fall, in the fields, can stand quite cold weather, after taking root, properly covered with some kind of litter to keep the sun off, but after their winter nap, they don't like to be checked by high, raw winds in the early spring. Therefore, hedges for wind breaks are advisable, and if neatly trimmed, will be ornamental, and will also keep the cold winds from sweeping the fields and injuring the tender growth.

After foliage once starts to develop, covering must not be removed too early, for a late frost will injure and check their growth. Bulbs produce but one crop of leaves, and if badly injured, will ruin the crop entirely.

The land is generally trenched to a depth of three or four feet, and heavily manured, and to absorb superfluous strength is planted with potatoes. After harvesting, hyacinths of all kinds are grown on such soil, tulips, as a rule, the second year, and crocuses the third year.

Daffodils, double and single, and narcissus and even spiraeas like a rich, heavier and lower situated piece of ground, well moistened; whereas, lilies, gladiolus, crown imperials, lily of the valley, ixias, ranunculus and scillas will do better on higher situations.

The main question of growing bulbs in this country is wages. Compared with Europe, our bulbs would cost 50 per cent. more if found to be grown here just as good and in the same length of time as in Europe, and to profit at all, a high duty must be levied.

Roman hyacinth, narcissus, paperwhite, freezias, etc., or French bulbs, are generally grown on the foot of mountains, in a clay-like soil, which will retain the moisture longer. These need a warmer climate altogether; they can stand but a few degrees of frost, but can better endure the heat.

BOSTON.

Review of the Market.

It has come to be a well known fact that the week known as: "Show week" is always the extreme of a dull flower market, and this week has not proved to be an exception to the general rule. Dull is no name for it, everything is dull, and to make sales this week, it has been a case of "get what you can."

Chrysanthemums might now be termed to be at the height of the season, and a look into the cooperative market, about 7:30 any morning, would convince anyone that there was no scarcity of stock. Ivory and Minnie Wannamaker are the leading white varieties, ranging from 35 cents to $1 per dozen. Bonnaffon, as usual, is the leader among yellows, ranging from 75 cents to $1.50 per dozen. Mrs. Perrin, pink, is very well thought of, averaging from $1 to $2 per dozen, with lots of odd varieties, running from 50 cents to $2.

Roses have been a dead letter all the week, and sales have been made at sacrificial prices. Asking prices are as follows: Brides, Maids and Kaiserins, from $2 to $6 per 100; Carnots average $1 per dozen. Call light for Meteors, run from $4 to $6, while Beauties run all the way from 50 cents to $2.50 per dozen, but demand is light, with the supply of exceptionally fine stock, very much in excess.

Carnations are plenty, with conditions a little better than with roses. Whites, of all kinds, Scotts, Daybreaks and Mangold, run anywhere from 50 cents to $1.50 per hundred, and it takes an elegant pink to bring the outside price. Bradts, Eldorados, etc., run from $2 to $4 per 100. Violets are not yet up to record for quality, and average 50 cents for Campbells and 75 for some good Galles. Valley still $4, with quite a lot of tuberoses, and candytuft, selling at 50 cents per dozen stalks for the tubes, and 25 cents a bunch for candytuft.

News Items.

John Clark, for many years salesman with Joseph Breck & Sons, has taken a similar position with Thomas J. Grey & Co., and will still be seen aronnd with his horticultural friends.

The sale of Julius Roehrs & Co.'s palms, which was held under the auspices of N. F. McCarthy & Co., was a decided success; everything sold, and at good average wholesale prices. The trade, from Boston and vicinity, were very much in evidence.

Mr. W. H. Elliott, of Brighton, has secured a lot of over three acres of land, adjoining his place at Oak Square, and has already begun to put up two new houses, each to be 400 feet long, and to be devoted to the growing of budded roses. The location is fine, and closely adjoins the site of one of Boston's proposed boulevards.

Among the visitors, this week, Mr. E. G. Asmus, of Hoboken, N. J., and his new rose Liberty, were the attraction.

The Mum show, and McCarthy's sale, brought Messrs. Dunholm and McKay from Worcester, John McManus from Brunswick, Me., with several private gardeners from Lenox and other places.

Wm. Nicholson, of Framingham, and M. Patten, of Tewkesbury, attended the Mum show at Philadelphia.
P.

CORRECTION.

The item stating that Mr. Thos. F. Galvin had purchased the entire "stock" of my new carnation, Mrs. Thos. W. Lawson, was based upon error. It was not the stock that was sold, but the entire "cut" of flowers.

The wholesale price of Lawson was given as $2 per 100 in one of the trade papers recently. This also is misleading, as Lawson has never yet been sold at anything like so low a figure and will not be for some time yet.

PETER FISHER.

Ellis, Mass.

THE FLORISTS' REVIEW

G. L. GRANT, EDITOR AND MANAGER.

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NEW YORK.

The Market.

This is the long looked for Horse Show week, but it is not what it used to be, still prices, especially violets, have gone away up, just as high as they ever were in the past. My advice to those who know how, is get to growing violets, for there is lots of money in it; they are bringing all sorts of prices, from $1 to $2. Roses, too, are beginning to stiffen, and are quoted from $1 to $6 for Brides, Maids, Meteors, etc. Beauties are bringing from $1 to $3 for fairly good stock; Valley, $2 to $3; Carnations, 75 cents to $1.50.

Mums are much cheaper, and can be got at one's own price. Orchids are plentiful, but maintain good prices. Oncidiums and dendrobes are 4 and 5 cents a flower, cattleyas, 40 cents; cypripediums, 6 to 12, D. formosum, 20 to 25 cents. There is not much worth recording, only that the florists' windows are filled with floral horses, saddles, horse shoes and all sorts of horsey affairs.

Two new mums were before the Committee, last Saturday. Col. Appleton, by MacDonald, Riverdale, N. Y.—92 points; Mlle. Lucie Faure, by F. R. Pierson Co., Tarrytown, N. Y.—86 points.

The Florist Club.

A well attended, and most interesting meeting of the above Club was held at their rooms, 19 West 27th street, on Monday, November 14th. Live subjects were discussed in a most intelligent manner, and there was, we are glad to say, an almost total absence of show off oratory, and parliamentary obstruction tactics; were there more such meetings it would be better for the Club, and worth more than its present dues to belong to it.

Wm. Siebrecht read a short practical essay on The Cultivation of Bulbs (which will be found elsewhere in these columns), and the discussion which followed brought out most important facts—beacon lights, so to speak, pointing towards Columbia growing her own bulbs. In his paper, Mr. Siebrecht stated that the matter of wages was a great obstruction to the cultivation of bulbs here.

Mr. O'Mara said the wage bugaboo had been raised as an excuse for indifference on many occasions. He cited the case of budded roses 15 years ago, 90 per cent of which were imported; he said growers asserted then that roses could not be budded here in competition with Europe, on account of high wages, whereas to refute this he said, "We bud roses in this country now better than they do in Europe, and home grown stock brings a better price than foreign goods, which we outsell. General nursery stock is sold cheaper here than in Europe, whilst our wages are higher."

Several members stated that the American laborer accomplished twice the amount of work of the European laborer, and whilst his wages were higher, he more than repaid for it by the work done.

Mr. John H. Taylor thought that ten years from now California would be exporting Holland bulbs. Mr. Siebrecht stated that he had been experimenting with bulbs for 20 years, and whilst they grew faster here, still his ground got too hard and dry for them in Summer. He was of the opinion, however, that Great South Bay, L. I., was similar to the land of Holland, and was capable of growing all the bulbs necessary for the United States.

Mr. C. H. Allen said the finest Holland bulbs were already being extensively grown on Long Island. He knew of 150 acres being devoted to such. The land was 3 feet above sea water tide, and admirably suitable to bulb cultivation.

Mr. W. A. Manda was of the opinion that the South Jersey Coast, particularly round Atlantic City and Cape May, was capable of producing bulbs equal to any in the world. Capital and patience were all that are required.

North Carolina and Virginia were named as suitable soil and climates for successful bulb culture, and it was the general opinion that inasmuch as we are already exporting callas, tuberoses, gladiolus, and many other bulbs, we should soon be able to grow all our own bulbs. Mr. Esler spoke of the grand display of Washington grown bulbs at the last convention of the S. A. F., and informed the meeting that these were being experimented with at the U. S. Gardens in Washington, D. C.

There were several interesting exhibits at the meeting, W. A. Manda filled the center of the hall with a grand collection of 112 varieties of ferns, and 10 varieties of asparagus. The exhibit was greatly admired; the judges awarded it 85 points. Mr. Manda deserves the Club's gold medal, were it ten times more valuable, for his monthly exhibits have been a life spark to the Club. Mr. John H. Taylor exhibited his new hybrid tea rose, Admiral Dewey, which is a sport from Madame Caroline Testout, and much similar to the white La France, giving promise of a great future.

Mr. E. Asmus also showed a vase of his new rose, Liberty; the Awards Committee reported that they had inspected this rose growing in Mr. Asmus' greenhouses, and found it all that was claimed for it, vigorous constitution, beautiful fragrant flowers of lasting qualities, and they unhesitatingly recommended it a certificate of merit. Mr. Asmus, on being asked for the parentage of the rose, said: "Every one knew that George Washington was the Father of Liberty." It is auspicious that this Liberty was born in Ireland, and the writer loves it all the more for it.

Mr. John N. May exhibited several new seedling chrysanthemums of great merit.

A discussion was had on the detention of florists' importations by the Custom House authorities, and complaint was made that much stock was being ruined. The Legislative Committee of the S. A. F. was asked to take the matter in hand. Mr. O'Mara wishes every florist or nurseryman, who has had cause to complain of his stock being injured by the Customs authorities, to write him at 35 Cortlandt street, New York, giving full particulars and data, so that the Committee will be able to lay the matter properly before the heads of the department.

The Board of Trustees recommended that the initiation fee be reduced from $5 to $1, and Mr. Alex. Burns gave notice that he would move such as an amendment to the by-laws at next meeting. The Trustees also recommended that the annual dinner be the usual $5 affair, and the matter was referred to the Dinner Committee. Mr. O'Mara gave notice that he would move the following amendment to the by-laws, "That candidates nominated for office, who receive a clear majority on nomination, shall be declared elected."

The nomination of officers for the ensuing year was then proceeded with, with the following result: For President, Wm. Plumb; vice-presidents, J. J. Esler, J. H. Troy, J. Morris; secretary, John Young; treasurer, Chas. Weathered; trustees, Messrs. C. H. Allen, J. H. Taylor, W. A. Manda, H. A. Siebrecht, J. Roehrs, J. Morris.

Bowling Club.

A meeting of the Bowling Club was held in the afternoon at the 32nd Street Alleys, and the following officers were elected: E. Leuly, president and captain; T. Lang, vice-president; A. Burns, treasurer; C. Weathered, secretary.

The Committee are endeavoring to find more commodious alleys, and Mr. Weathered offered a Silver Cup for competition, which was accepted. Some good scores were made: Hafner 180, Leuly 178, Burns 194. Burns, in one game, made a finish of five strikes. The "push" is gradually getting there.

D.

CHICAGO.

Florists' Club Banquet.

The annual banquet of the Chicago Florists' Club took place last Thursday evening at the Sherman House, with about seventy present, including quite a number of out-of-town visitors.

With the arrival of the coffee and cigars President Sanders called upon Prof. J. F. Cowell as "the man that got on at Buffalo," and referred to that city as the only one in the country having a part of its park system devoted to purely scientific purposes. Prof. Cowell stated that the botanic garden under his charge contained 160 acres and that such gardens were valuable to the florist, because when some old lady had a plant about ready to die she donated it to the botanic garden, and this made it possible to sell her another one.

Mr. A. Herrington was called upon to speak for Madison, N. J. He said it was well named the Rose City, as it had 68 establishments devoted to the production of cut roses, but he had never seen in Madison any roses to compare with those he had seen at the Chicago show. He had heard Chicago spoken of as the "Windy City," and had found the name appropriate, but the wind he had felt seemed to be raised by the extraordinary bustle and activity of its inhabitants. He had also found it a wet city, both inside and out.

Mr. Emil Buettner said that when he accepted the appointment as one of the judges he never expected to be able to attend the annual supper, but had taken out extra life insurance and made his will. He found, however, that the position was not nearly so dangerous as he had anticipated. He hoped the society would soon take up the project of a spring show as well as the annual fall exhibition.

J. C. Vaughan spoke of the hearty support that had been given the society by Chicago's solid citizens through the medium of generous special premiums.

G. L. Grant told of the methods that had been employed to secure liberal notice of the exhibition in the daily press.

W. N. Rudd said the success of an exhibition was dependent upon the people, and that unless the people came in large numbers the show could not be considered a success. He hoped for pleasant weather on the morrow that the visitors might see a Chicago crowd.

James Hartshorne favored the company with a comic song that was received with much applause.

James Gurney told how when he and the late Henry Shaw were talking over the preliminary plans of Tower Grove Park in St. Louis, Mr. Shaw had said: "In the pursuance of our work we shall do as much good as any minister of the gospel." He emphasized the good done through instilling a love for the beautiful in nature in the hearts of the people. He thought that florists should endeavor to increase the variety of their bedding plants, and that they could improve their combination without suffering any diminution in the financial returns from their work.

A. C. Kohlbrand read the following very interesting letter regarding judging at the exhibitions. It was received with much applause and laughter:

Shaumburg, Nov. 10th, 1898.

Tear Sur

Hafing hurt dat you woult be at de animal banket off de Chicago Florits' Club, I woult like und haf you reet dese letter blease, pefore de Society of Hordicult, ass I dink I can gif dem some idees in regartment to de distribution off brizes, wich woult gif better satisfaction to de Exhibitors ass well ass de cheneral Bublick at larch. De Society hass pin in de hapit off abointing chuches from out off down, to chuch de Exhibits. While de chuches are right in der owa prints ass to de distributionment off de brizes, I haff nefer yet seen one off de Exhibitors satisfied mit dere disizitions. Expecsilly migh I say dis aboud de Retail Florits mit dere Dables Decorations. Nefer yet haff dey peen Satisfied mit de chuches obinions. Dis dissatisfactionment must pe awoided, or else in yeers to cum dere will pe no endries and gonsequently no Flower Shows. Dere iss only one way to owercum dis pisness in my obinion und if de Society off Horticult will do ass I say, dey will not only gif satisfaction to de Exhibitors, but will broviet enterdainment in de bublick wich iss not down on de brogram.

Let de Exhibitors chuch dere own Exhibits, den dey will pe Satisfied. But ass a brecaution against too much Bloot Shed I woult advise dat de Exhibitors pe doroughly looked ofer und dat dey pe relieved off any goncealed weabons which dey might haff on dere bersons. Den iff dey git too hot in dere argumentations, dey can only resort to nature's weabons to settle de madder. Let de best man win. Dink dis ofer till next yeer and in de meentime I will choin Harry Gilmore's boxing School und git myself in goot gondition so I can make an exhibit iff deese Idees are adobted.

Yours,

FRITZ BLUMENSCHNEIDER.

John Thorpe referred to the formation of the Society of American Florists in the adjoining club room in 1884, and said he considered the wonderful progress of the last fifteen years an augury for a golden future.

J. Austin Shaw favored the company with an original poem, in which very flattering references were made to the Chrysanthemum Show and various members of the craft, together with some not so complimentary regarding the weather and the condition of the city's streets. The various local hits were received with much laughter and applause.

Mr. A. Dimmock emphasized the remarks of Mr. Gurney regarding variety in plants and those of Mr. Cowell regarding the value of botanic gardens.

Mr. J. A. Evans thought that a city like Chicago should not only have spring and fall shows but that it should have an exhibition every two weeks.

Messrs. P. J. Hauswirth and O. P. Bassett spoke of the value of these annual social gatherings in promoting good fellowship among the members of the profession, and Mr. W. H. Ellis, of Milwaukee, endorsed their views.

It was midnight when the party separated, all declaring that the evening had been a most pleasant one.

The Market.

Market conditions have very materially improved and prices have stiffened. Roses are in some cases off crop and supply short. Chrysanthemums are moving better. Indications are for an excellent Thanksgiving trade.

Visitors.

In addition to those recorded last week the following out-of-town florists visited the show: Mr. and Mrs. J. F. Wilcox, Council Bluffs, Ia.; R. Hoffman, Elkhart, Ind.; Albert Knopf, Columbus, O.; F. L. Bills, Davenport, Ia.; Geo. F. Crahb, Henry Smith, H. Van Velden, Aug. Johnson, Mr. and Mrs. J. H. Hollister, Grand Rapids, Mich.; W. H. Ellis, N. Zweifel, H. Staeps, M. Reitz, F. P. Dilger, G. Volk, J. Currie, A. Klokner, W. E. Dallwig, W. Edlefsen, F. H. Holton, Milwaukee, Wis.; J. A. Evans, Richmond, Ind.; Ewald Suder, A. A. Suder, Toledo, O.; Wm. Dittman, New Castle, Ind.; Edw. Lee, Melchoir Luetschg, Lake Geneva, Wis.; A. Sunderbruch, Cincinnati; F. Knehne, DeKalb, Ill.; F. Rentschler, Janesville, Wis.; E. E. Boyington, Sycamore, Ill.; Theo. Meyer, Waukegan, Ill.; Lewis Turner, Kenosha, Wis.; James Gurney, St. Louis; Peter Reese and M. Jorgensen, South Bend, Ind.; Geo. Souster, Elgin, Ill.; H. W. C. Dihm, Trinidad, West Indies; S. A. Wolcott, P. G. Pearson, Batavia,

Ill.; O. Sylvester, Oconomowoc, Wis.; Geo. W. Doswell, Ft. Wayne, Ind.; F. E. Dorner, Lafayette, Ind.; F. A. Belt, Sterling, Ill.; H. J. Bailey, New York; Mrs. J. M. Gasser, Mrs. Anna Bartels, Mr. and Mrs. E. A. Fetters, Mrs. E. G. Wilson, Cleveland, O.; Mrs. C. W. Pike, Racine, Wis.; Chas. Kintzele, Michigan City, Ind.; Alice L. Barnes, Springfield, O.; Will Knees, Moline, Ill.; Jas. Hartshorne, J. D. Thompson, Joliet, Ill.; A. Nelson, Tarrytown, N. Y.; Miss Ella Kaber, Miss Westervelte, La Porte, Ind.; Mrs. Anna C. Hurd, Havana, Ill.; Thos. Hewitt, Monmouth, Ill.; W. N. Brothers, Ottawa, Ill.; A. C. Rott, Bloomington, Ind.; J. M. Smeley, Aurora, Ill.; A. J. Fidler, Racine, Wis.

BUFFALO.

My notes of last week seem to have miscarried; too bad. There were several fine things contained in them, but the world will pass along without them. In another column you will perhaps be kind enough to print a brief account of our exhibition. Too bad so many must come on the same date and much worse that of all the miserable two days weather of the season our first two days had to be the recipient, and I fear we are not the only ones.

There was too much work and thought of the show for the writer to know how business was, but except that which accompanies the last sad rites we don't think there was much. Our plants are home again never in better order and we begin the week with the determination that henceforth our object shall be the dollars, first premiums and glory can be had by the other fellow.

But our show is not all in vain. It brought together more of the craft than Buffalo has seen in a long time, and that's worth a good deal. Never do I remember such an attendance of what may be called (George of Wilkesbarre is author of the name) our Agricultural Members, although it is absurd for him to thus name members from cities larger than his own. There were nine friends from Rochester, including Salters, Vicks, Schlegels and Kellars. There was Peter Ponderosa Crowe from pent-up Utica, more given to the world's frivolities than ever. George "Bag 'em, Me Boy" Fancourt, and friend from the Wyoming Valley; Mr. Bartlett, of Jamestown; Harmon & Burr, of Darian; T. A. Webb, Jas. Farnham, Alex. Scott and "Pete" Johnson, from Corfu; Mr. Butler, of Niagara Falls; Fred Lewis, Charles L. Dole and wife, T. Mansfield, son

[Continued Page 644.]

WANT ADVERTISEMENTS.

SITUATION WANTED—German, single, 29, with several years greenhouse experience; for the last year with carnation grower; wishes position on place where there is a chance to work himself up. Address A. Ludecke, P. O. Box 466, West Troy, N. Y.

S. B. WINTER

21 Randolph St. CHICAGO.

Chrysanthemums!

We carry a large and extra fine stock of all the leading sorts as well as late Novelties. In quality stock was never better, and prices very reasonable.

Choice Roses, Fancy Carnations, Violets, Valley, Etc.

Mention Florists' Review when you write.

Cypress Greenhouse Material.

We are the pioneers in Clear Cypress Greenhouse Material. We discovered that Cypress is better than any other wood for greenhouses from top of posts up and we introduced it, and fought for it against many prejudices, and finally succeeded in bringing it into general use.

Others have attempted to follow where we lead, others are trying to reap what we sowed, but we have the experience and are recognized as experts in greenhouse construction.

Write for Circulars or Estimates.

Lockland Lumber Co.

LOCKLAND, OHIO.

WANTED—First class man in cut flower store, in a large city. Must be a good buyer. Address Z. O., care of Florists' Review.

WANTED—Store fixtures for florist, must be modern and cheap for cash. Smith & Son, Wade Park Ave. and Crawford Road, Cleveland, Ohio.

FOR SALE—Elegant florist store; South Side; finest trade; investigate. Address South Side, care of Florists' Review.

SITUATION WANTED—By a young man of 22, as assistant in general greenhouse work, five years' experience. Al reference. Address Worker, care of Florists' Review.

WANTED—To know the whereabouts of Fritz Schaefer, of Artern, Germany; said to have worked for florists around Chicago. Address Emil Buettner, Park Ridge, Ill.

WANTED—A good man for palms, ferns, orchids and general greenhouse work; must be competent. References requested with application. H. F. Halle, 548 West Madison St., Chicago.

WANTED—A man to take charge of a section of rose houses; call at 51 Wabash Ave., Chicago.

FOR SALE—Four greenhouses, nearly new. Good retail stand. A. CLAUS, Springfield, Ill.

FOR RENT OR SALE—First class retail stand. 5,000 feet of glass. New. In city. Ought to net good man at least $3,00 per day. Must buy stock, about $500.00. Reason for selling, failing health. Address "Illinois," care Florists' Review.

FOR SALE! For Sale one No. 2 Standard Jr. Hot Water Boiler, made by GIBLIN & CO., Utica, N. Y., will carry 6 0 feet radiation, second hand, good as new, at **$60.00** Net Cash. **A BARGAIN!** M. E. CONDON, care of Florists' Review.

FOR SALE. A well established and paying FLORIST BUSINESS, with ten to thirty acres. 17,000 square feet of glass. Good residence and houses for help; everything in first class condition. Abundance of water. Situated near one of the largest cities in California. Ill health and a desire to retire from business cause for selling.

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So for the Best Quality and Lowest Price this is the house.
There are others, but none better. Your wants can best
be supplied by placing your orders with us.

There may be others, but none better.

Iron Plant Stands.
Caldwell's Southern Greens
In Cold Storage all the time.
Chenille.
Doves.
Plateaus.
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Immortelles All Colors. Cape Flowers All Colors.
Baskets All Kinds. Cycas Leaves,
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Wheat Sheaves Can't be beat. Wax Flowers,
Artificial Flowers and Leaves, etc., etc.

In fact everything required by a first-class florist.
The finest Catalogue ever produced in our line yours for the asking.
Send business card when writing for Catalogue.
When ordering give us as much time as possible.

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25 N. 4th St., Philadelphia, Pa.

Specialties for Thanksgiving.

CUT FLOWERS.

Prices take effect Monday, November 21st.

ROSES.

Beauties, long	per doz.	$3.00 to $4.00
" medium	"	2.00 to 3.00
" short	"	1.00 to 2.00
Brides, Maids, Meteor	per 100,	4.00 to 6.00
Kaiserin, La France	"	4.00 to 6.00
Perle	"	3.00 to 5.00
Roses, our selection	"	3.00 to 5.00

CARNATIONS.

Fancy Stock	per 100,	$2.50 to $3.00
Ordinary Stock	"	1.50 to 2.00

CHRYSANTHEMUMS.

Fancy Varieties	per 100,	$15.00 to $25.00
Medium Stock	"	8.00 to 12.00
Common Stock	"	4.00 to 6.00

MISCELLANEOUS STOCK.

Violets	per 100,	.75 to 1.50
Valley	"	4.00 to 5.00

ORCHIDS.

Cattleyas	per doz.,	$6.00
Cypripediums	"	2.00
Assorted Orchids	box,	10.00

Above prices subject to change without notice. Give us your Thanksgiving order early.

Decorative Stock.

Wild Smilax, parlor brand		$3.75
" medium case		5.50
" large case		8.00
Asparagus Plumosus	per doz.,	5.00
" string	"	.50
Smilax	per doz.,	$1.00 to 1.50
Adiantum Ferns	per 100,	.75 to 1.00
Common "	per 100,	.15
" "	per 1,000,	1.50
Galax Leaves	"	1.00
Farleyense Fronds	per doz.,	1.00

We carry a good stock of above always on hand and can fill orders promptly.

Cyclamen Plants.

Plants from this stock were awarded FIRST PREMIUM at Chicago Show against five competitors.

POSITIVELY NONE BETTER.

NOW READY to be shipped direct from Greenhouses.

600	3-inch pots	per 100,	$8.00
2,000	4 "	"	12.00
1,000	5 "	"	25.00
500	6 "	"	50.00

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ORDER NOW and secure your supply early.

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CAPE FLOWERS,
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VAUGHAN, McKELLAR & WINTERSON,

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Mention The Review when you write.

and wife, of Lockport; David Scott, of Fredonia, and others I cannot now think of; but I must not forget to say that a delegation went out to see the veteran W. J. Palmer, Sr., in his rural busy retreat at Lancaster, and brought him in. Mr. Graham, our judge on plants, and Friend Hart, of Cleveland, skipped off to Toronto and we did not see enough of them. Mr. Eyres, of Albany, is very much O. K. and when our voice is restored and we have more time we hope to get better acquainted.

In the commercial line, Mr. Crawford, of New Brighton, represents his house with affability and dignity. Of course Mr. Mott was with us. I may suggest, Mr. Editor, that you keep the last paragraph in type and print it every week; when Mr. M. is not with us I will let you know.

A gentleman who is touring this continent, and I believe the world, and who the readers of The Review have frequently heard of, was also with us for several days prior to our show. I allude to the illustrious Peter Barr, of Great Britain, not of London or the banks of the Clyde; he is too cosmopolitan for anything less than the whole island. His career has been written by far abler hands than mine. I will merely say that he is a unique, picturesque and even grotesque character, with manners and a personality that is at ease (we fancy) either in the Cabin of Uncle Tom or the Palace of

[Continued page 646.]

Cincinnati Cut Flower Co.

W. A. MANN. FRANK W. BALL.

416 Walnut St. CINCINNATI, O. Wholesale Florists

Consignments Solicited. Special Attention Given to Shipping Orders. Mention Florists' Review when you write.

May Rudolph

WHOLESALE FLORIST, 11 West 12th Street, Cincinnati, O. CUT FLOWERS. FLORISTS' SUPPLIES. CONSIGNMENTS SOLICITED. Mention The Review when you write.

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Wholesale Florists and dealers in Florists' Supplies

Special facilities for shipping south. Unequaled returns for good stock. Open night and day. 520 W. Jefferson St., Louisville, Ky. Mention The Review when you write.

Maplewood Cut Flower and Plant Co. GEO. M. KELLOGG, Pres.

Growers of CUT FLOWERS at Wholesale.

Regular shipping orders given special attention. We have the largest plant west of Chicago.

Store: 906 Grand Ave.. KANSAS CITY, MO. Greenhouses: Pleasant Hill, Mo.

C. W. WORS,

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Flowers at Wholesale

ROSES, and a full line.

Headquarters for the Southwest. Mention Florists' Review when you write.

Send in your Orders for

THANKSGIVING

Roses, Carnations, Mums

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Adiantum Farleyense, 3-in. pots, $20.00 per 100; 4in. pots, $35.00 per 100.

CYCLAMENS, assorted, best, 3-in., $6.00 per 100.

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FOR YOUR PAST FAVORS
FOR THE CONFIDENCE OF OUR GROWERS
WE GIVE THANKS
FOR KNOWLEDGE THAT WE OFFER THE BEST IN THE MARKET THIS SEASON
FOR INCREASED ABILITY TO SATISFY THE WANTS OF OUR PATRONS
E.C. AMLING
WHOLESALE CUT FLOWERS
W.S. HEFFRON, MGR.
51 WABASH AV. CHICAGO.

Royalty, and an intermediate grade of society. He is a most interesting man and it is good to see him have the sense to retire on what I may be allowed to call a moderate competency, and spending the evening of his life in viewing this world ere he leaves it.

We would like much to have seen all our local men and visitors gather round in some social way, but weather dampened the spirits of all and the nearest we could get to a "gathering" was on Friday evening over a game of bowls. The crack (look at the score) members played and many looked on and cheered and kept the dust down. These are genuine and can be copied. The lateness of the hour and time of life of many members will explain some scores, but not all: it was "rocky" in the extreme:

MONGRELS.

G. McClure	170	102
G. Fancourt	113	89
W. A. Adams	97	92
D. B. Long	124	122
T. Coleman	79	70
Peter Crowe	127	101
	710	576

STRAIGHT FLORISTS.

W. J. Palmer, Sr.	77	104
G. Troup	160	115
W. Scott	172	101
W. Kasting	143	143
A. J. Scott	115	175
T. Clayton	81	82
	748	720

W. S.

MILWAUKEE.

Bright days following a long siege of cloudy and rainy weather caused a lively demand for all varieties of cut flowers, especially violets, which had been at a standstill during the bad weather. Good shipping stock in roses and carnations found a ready market and mums, although plentiful, were kept moving at fair prices, Major Bonnaffon leading in demand.

The chrysanthemum shows given at the stores of Wm. Edlefsen and Benzel & Kellner were a success, and both firms report having derived considerable benefit and trade from the same. Volk & Stewart have an excellent window decoration this week, neatly gotten up by their decorator, Mr. Schucht.

The bouquet green market seems to be flourishing this season, Ellis & Pollworth receiving some large consignments, reporting good demand from the south and east. This firm's palm business has been unusually large this fall.

As there was no mum show here quite a number of the local florists attended the Chicago show.

At the City market chrysanthemum plants predominate, and a good-sized plant can be purchased for very little money.

The propagating house of the City Greenhouse will soon be ready for occupancy, and Aug. Gerlach has been appointed gardener in charge.

JOHN.

WESTERN PENNA. HEADQUARTERS FOR EXTRA FANCY STOCK.

Pittsburg Cut Flower Co.

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705 Penn Avenue, PITTSBURG, PA.

Wholesale Florists.

CHOICE CHRYSANTHEMUMS.

WRITE FOR PRICE LIST. CONSIGNMENTS SOLICITED.

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Greenhouses at Hinsdale, Ill.

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In our new and enlarged quarters we are better prepared than ever to handle your orders.

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Full Line of Wire Designs and Florists' Supplies

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Write for Illustrated Catalogue.

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HIGH GRADE **Cut Flowers**

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A. G. Prince & Company Agents for..... HINSDALE ROSE CO.

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Roses and Carnations

WE ARE NOW CUTTING FROM

50,000 AMERICAN BEAUTIES.

STOCK IS NEVER SCARCE WITH US. WE MAKE PROMPT SHIPMENT AND CAN ALWAYS SEND GOOD FLOWERS.

THANKSGIVING PRICE LIST.

CHICAGO, November 19, 1898.

AMERICAN BEAUTY		
Extra long stem	per doz.	$4.00 to $5.00
24-inch stem	"	3.00 to 3.50
20 "	"	2.50
15 "	"	1.50 to 2.00
12 "	"	1.25
8 "	"	1.00
METEOR	per 100.	$6.00 to 8.00
BRIDESMAID	"	6.00 to 8.00
BRIDE	"	6.00 to 8.00
KAISERIN	"	6.00 to 8.00
PERLE	"	3.00 to 5.00
CARNATIONS	"	1.50 to 2.00
good	"	2.00 to 3.00
fancy	"	4.00 to 5.00

All other stock at lowest market prices.
No charge for packing.

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PRIMROSES

5000 Choice Chinese Primroses, from 2½ and 3-inch pots, ready for 3½ and 4-inch pots, in the following separate colors:

Single White, Single Bright Rose,
" Blue, " Cheswick Red,
" Fern Leaved, Double Red.

These are extra fine strong plants and grown from the VERY CHOICEST seed, selected from the largest and finest flowering plants only, not from the ordinary cheap mixed seed that produce unsatisfactory flowering plants. We do not offer our plants in competition with plants grown from the cheap mixed seed. We offer our plants in separate colors as above, carefully packed and sent by mail, or if sent by express extra plants added to help pay express charges, at the following prices:

10 for	$0.65	50 for	$2.25
25 "	1.25	100 "	4.00

500 by express, not prepaid, $17.50
Sample sent for 10 cents in stamps.

THE PAGE SEED CO.

Dealers in SEEDS, PLANTS and BULBS.

Lock Box 175. GREENE, N. Y.

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Geraniums.

Special bedders, double and semi-double, as Ricard, Harrison, Grant, B. Poitevine, LaFrance, Nutt, L. Kelway, M. Bucher, Harcourt, Bonnat, Cts. Castries, and a host of other best single and double, bedding and market sorts. Extra strong rooted, any quantity, $12.00 per 1,000, express; $1.50 per 100, mail. **COLEUS,** in 25 superb kinds, 75c per 100, mail. Cash with order, please.

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GALAX LEAVES.

CHAS. H. RICKSECKER,

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Fine, Strong, 3½ inch plants, $7.50 per 100. 4-inch plants, $15.00 per 100. Cash with order.

H. HILMERS,

Box 650. BLUE ISLAND, ILL

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Kathleen Pantlind, strong plants, $10.00 per 100.
Red Wave, " " 7.00 "

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Adiantum Cuneatum,

STRONG PLANTS, 4-inch pots.

$1 50 per dozen. $12.00 per hundred.

JOHN WELSH YOUNG, Germantown, Pa.
Upsal Station, Penna. R. R.

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CARNATIONS.

H. WEBER & SONS, - OAKLAND, MD.

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REGULAR SHIPPING ORDERS WILL RECEIVE SPECIAL ATTENTION.

WIETOR BROS.

WHOLESALE GROWERS OF...

Cut Flowers

Thanksgiving Price List

Am. Beauty, extra		Per doz.
"	long stem.	$4.00 to $5.00
"	24-in. stem.	3.00 to 3.50
"	20-in. "	2.50
"	15-in. "	1.50 to 2.00
"	12-in. "	1.25
"	8-in. "	1.00
Meteor	per 100,	$6.00 to $8.00
Bridesmaid	"	6.00 to 8.00
Bride	"	6.00 to 8.00
Kaiserin	"	6.00 to 8.00
Perle	"	3.00 to 5.00
Carnations	"	1.50 to 2.00
"	good, "	2.00 to 3.00
"	fancy, "	4.00 to 5.00

All other stock at lowest market prices. No charge for packing.

We are Headquarters for...

American Beauties

of which we cut from 2,000 to 3,000 daily. Our Brides, Meteors, Maids and Perles were never better.

OF CARNATIONS.

We grow 50,000 plants of all the leading varieties, and they cannot be surpassed.

Wietor Bros. 51 Wabash Ave. CHICAGO.

CATALOGUES RECEIVED.

Cincinnati Cut Flower Co., Cincinnati, Ohio, price list cut flowers; Standard Fertilizer Co., Philadelphia; native guano; S. J. Baldwin, Seneca, Kas., the Baldwin Cherry; same, nursery stock; Caleb Boggs, Cheswold, Del., early Jersey Wakefield Cabbage plants; V. Lemoine & Fils, Nancy, France, seeds, bulbs and plants; Rosebank, Cincinnati, O., wholesale cut flower list; South Side Floral Co., Springfield, Ill., wholesale price list cut flowers; Gustav Ludwig, Allegheny, Pa., bulbs, holly, Christmas trees, etc.; A. G. Prince & Co., Chicago, wholesale price list cut flowers and florists' supplies; Richard Vincent, Jr. & Son, White Marsh, Md., vegetable and other plants; L. E. Archias & Bro., Carthage, Mo., seeds, bulbs and plants; Samuel C. Moon, Morrisville, Pa., wholesale trade list nursery stock; W. K. Nelson, Augusta, Ga., field grown roses; C. W. Benson, Alvin, Tex., fruit trees, strawberry plants, flowering bulbs and ornamental shrubbery; Ellis & Pollworth, Milwaukee, Wis., wholesale price list cut flowers, palms, bulbs, florists' supplies; Wm. N. Westgate, Brunner, Tex., fall and winter price list decorative evergreens.

HARDY ROSES

The Finest Collection in America.

ELLWANGER & BARRY,

Mount Hope Nurseries, - - - ROCHESTER, N. Y.

Mention Florists' Review when you write.

Special Offer of PALMS, Etc.

6-in. pots,	Areca Lutescens, 3 in a pot,		$ .50		
7	"	"	1.25		
8	"	"	1.50		
10	"	"	4.00		
12	"	"	7.50		
3	"	Cocos Weddeliana,	per 100, 12.00		
4	"	"	" 25.00		
5	"	"	$ .50 to .75		
6	"	Kentia Belmoreana, fine plants,	1.00 to 1.25		
10	"	Kentia Forsteriana, single plants,	5.00		
10	"	Kentia Forsteriana, several in a pot,	$6.00 to 7.50		
12	"	Kentia Forsteriana, 3 large plants, 5 to 5½ ft.	10.00 to 12.00		
4-in. pots,	Latania Borbonica		per 100, 12.00		
8	"	Latania Borbonica, 3 in a pot, strong	per doz. 15.00		
8	"	Phoenix Rupicola, characterized leaves,	1.50		
5	"	Livistona Rotundifolia, very handsome plants,	.75		
5	"	Livistona Rotundifolia, fair	.50		
6	"	Dracæna Terminalis, 25 in. high, nicely colored,	.75 to 1.00		
3	"	Dracenia Sanderiana, strong plants,	per doz., 3.00		
8	"	Nephrolepis Exaltata Bostoniensis, fair	per doz., 12.00		

LEMUEL BALL.

The above are all cool grown, stocky plants in fine condition. **Wissinoming, Philadelphia.**

Mention Florists' Review when you write.

BASSETT & WASHBURN,

Chrysanthemums,

THE VERY BEST COMMERCIAL VARIETIES.

THANKSGIVING PRICE LIST.

AMERICAN BEAUTIES.

Beauties, extra long stems		per doz.,	$4 00
" stems 24-inch		"	3.00
" " 20-inch		"	2.50
" " 15-inch		"	2.00
" " 12-inch		"	1.50
" shorter stems		"	1.00
Brides, Al	per 100,	$6.00—	7 00
" No. 1		"	5.00
" No. 2		"	3.00— 4 00
Kaiserin, Al		"	7.00
" No. 1		"	5.00
" No. 2		"	4.00
Bridesmaids, Al		"	6.00— 7 00
" No. 1		"	5.00
" No. 2		"	3.00— 4.00
Meteors, Al		"	6.00— 8.00
" No. 1		"	5.00
" No. 2		"	4.00
Perles, Al		"	5.00
" No. 1		"	4.00
" No. 2		"	3.00

ASSORTED ROSES.

Our selection	per 100,	$4.00

CARNATIONS.

Common, colored	per 100,	$2.00—$3 00
" white	"	3.00
Fancy Carnations	"	4.00
Bradt, fancy yellow	"	6.00

VALLEY.

Cold storage, good flowers	per 100,	$4.00—$5.00

CHRYSANTHEMUMS.

Yellow, choice flowers	per doz.	$1.50—$2.00	
White, "	"	1.50— 2.00	
Medium size	"	1.00— 1.25	

MISCELLANEOUS.

Adiantum	per 100,	$1.00	
Princeps, very fine	"	2.00	
Smilax	per doz.,	$1.50	" 12.00
Common Ferns, per 1,000,	1.50	"	.20
Galax Leaves, "	1.50	"	.20
Asparagus	per string,	.50	
" Sprays	per 100,	1.00	

WE WERE IN IT AT THE SHOW.

Tea Roses,

6 ENTRIES
6 PRIZES

1st on Kaiserins
1st on Bridesmaids
1st on Perles
1st on Garretts
2d on Brides
2d on Meteors

Garnations,

14 ENTRIES
12 PRIZES

1st on best 50 blooms Flora Hill
1st on best 50 blooms any other white (Mary Wood)
1st on best 50 blooms Jubilee
1st on best 50 blooms Wm. Scott
1st on best 50 blooms Mayor Pingree
1st on best 50 blooms, any other yellow (Gold Nugget)
1st on best 50 blooms striped (Psyche)
1st on best 25 blooms introduction of 1898 (White Cloud)
2d on best 50 blooms Daybreak
2d on best 50 blooms McBurney
2d on best 50 blooms Mrs. Geo. M. Bradt
2d on best 50 blooms Triumph

The above record shows where to obtain good stock. Buy direct from the grower and get a more even run of flowers and fresher cut. Our facilities for cooling, handling and packing the stock are the best in the West. We plant 1,000 Valley every day this season and have Asparagus, both sprays and strings; Smilax, Maiden Hair and Princess Ferns and other stock in abundance.

Bassett & Washburn

Store, 88 Wabash Ave., CHICAGO. Greenhouses, Hinsdale, Ill.

We are the Oldest and Largest Hou

PRICE LIST.

SUBJECT TO CHANGE WITHOUT NOTICE.

P. AND D. AT COST.	PRICE PER HUNDRED
Am. Beauties,	$ 8.00 to $12.00
Am. Beauties, fancy, fair length	15.00 to 20.00
Am. Beauties, long	20.00 to 35.00
Meteors, extra select	4.00 to 6.00
Brides, Maids, extra select	4.00 to 6.00
Meteors, Brides, Maids, good average	3.00 to 5.00
Perles, extra select	3.00 to 5.00
Carnations, extra select	2.00 to 3.00
Carnations, good average stock	1.50 to 2.00

All Flowers in Season at lowest market rates.

Store open until 6:30 P. M. week days, until Noon Sundays and Holidays.

We always ship extra select or high-grade goods unless otherwise ordered.

LOOK HERE!!
WHAT DO I NEED FOR Thanksg

Roses Carnations

Medium
$4.00 to $10.00 Chrysanthemums! SPECIAL

JOBBERS IN ALL KINDS OF

This Year's Customers
Must Be Ours Next Year The Values

in the West and are Still Growing.

TT BROS. Co

Wholesale Cut Flowers

AND FLORISTS' SUPPLIES,

Vabash Ave., Rooms 22 and 23, Chicago, Ill.

Long Distance Telephone Express 466.

PRICE LIST.

SUBJECT TO CHANGE WITHOUT NOTICE.

P. AND D. AT COST.	PRICE PER HUNDRED
Violets	$ 1.25 to $ 1.75
Valley	4.00 to 6.00
Smilax	12.50 to 15.00
Adiantum	.60 to 1.00
Asparagus, per string, 50c to 65c	
Galax, per M, $1.50	.20
Common Ferns, per M, 1.50	.20

Common Ferns and Galax, 500 sold at 1000 rates.

WIRE WORK a specialty. On WIRE GOODS we can discount OUR OWN OR ANY OTHER LIST.

WRITE FOR SPECIAL QUOTATIONS ON LARGE LOTS.

'ving? Smilax, Hardy Ferns, Adiantum

iolets

IF IT'S FROM

KENNICOTT BROS. CO.

IT'S GOOD.

ORDERS BOOKED NOW

OFFERS Chrysanthemums! Fancy $12.50 to $20.00

SIRABLE FLORISTS' SUPPLIES.

give are our best Advertisements

SAMUEL S. PENNOCK, WHOLESALE FLORIST

ORCHIDS. We can now supply CATTLEYAS, DENDROBIUM FORMOSUM, CYPRIPEDIUMS, Etc., of Selected Stock, at short notice.

A constant supply of SELECT VALLEY the year round. AMERICAN BEAUTIES OUR SPECIALTY.

1612-14-16-18 Ludlow St., Philadelphia, Pa.

Mention Florists' Review when you write

MOUNT KISCO, N. Y.

The flower show given by the Bedford Flower Club and the Westchester County Horticultural Society, Nov. 10 to 12, was a decided success, and all concerned deserve much credit. One of the most interesting features was the School competition, in which $40 was offered in prizes for geraniums grown by school children. All the schools in the district competed and there was much rivalry.

The class calling for 25 mums in not less than eight varieties, in which a $75 prize was offered, brought out a superb lot of blooms. There were six competitors, Wm. Turner, gardener to Wm. Rockefeller, was first; Wm. Duckham, gardener to H. McK. Twombly, second; Wm. Scott, gardener to T. Eastman, third.

For collection of 75 blooms in 12 varieties A. T. Brill, Pawling, N. Y., was first; A. L. Marshall, of same place, second. A. L. Marshall was first for 6 blooms white, 6 red and 6 any other color. Wm. Duckham for 6 yellow and 6 pink.

In chrysanthemum plants J. D. Layng was first for collection, H. A. Spavins for specimen.

In cut roses J. D. Layng took firsts for collection and 6 blooms of one variety. In carnations was first for 12 blooms of one variety and H. A. Spavins for 6 blooms. W. Wills was ahead on violets and A. L. Marshall on canna flowers.

In miscellaneous plants A. L. Marshall took firsts for collection decorative plants, specimen plant, collection Rex begonias and specimen Rex begonia, and six plants, suitable for house decoration. H. A. Spavins for pair araucarias, collection geraniums, specimen flowering begonia and specimen plant of recent introduction.

Quite a lengthy list of prizes was awarded in the classes for amateurs who do not employ gardeners.

UTICA, N. Y.—Giblin & Co., the manufacturers of steam and hot water heaters, have absorbed the foundry business of another large concern, and the combined establishments will be conducted together under the old title.

"CONTINENTAL LIMITED."

NEW FAST TRAIN EAST VIA THE WABASH.

Leaves Chicago daily at 12:02 noon; arrives Detroit 8:20 P. M., Buffalo, 5:00 A. M. New York 3:30 P. M., Boston, 5:50 P. M.—only one night on the road. Through sleeper. Ticket Office, 97 Adams Street, Chicago.

WE LEAD IN

PRICES, QUALITY, SERVICE.

GREEN AND HOLLY

WREATHING,

MISTLETOE, Etc.

It is to every Florist's advantage to correspond with us on these items. We know how, have the stock and proper facilities for instantaneous service.

Can save you money whether you buy by the crate, ton or carload.

Send for Special Holiday Circular . . . .

W. W. BARNARD & CO.

161-163 E. Kinzie St. CHICAGO.

Mention Florists' Review when you write

Headquarters for WESTERN PENNSYLVANIA

WM. F. KASTING,

F. STOKES, Mgr.

OUR ESTABLISHED GOOD REPUTATION IN WESTERN NEW YORK WILL INDUCE YOU TO GIVE US A FAIR TRIAL

444 Sixth Ave., PITTSBURG, PA.

Long Distance 'Phone 2985

Roses, Carnations and all kinds seasonable flowers. Orders punctually filled within shortest notice.

Florists' Supplies and all kinds of Wire Designs always in stock.

Consignments of good stock solicited.

Cut Flower Exchange,

404 - 412 East 34th St., New York,

NEAR THE FERRY.

Open Every Morning at 6 o'clock for the sale of CUT FLOWERS.

Wall space for Advertising purposes to Rent.

J. DONALDSON, SECRETARY.

Mention The Review when you write.

KELSEY'S SOUTHERN

Galax Leaves

Brilliant Green and Bronze.

Information of the Introducer,

HARLAN P. KELSEY,

Prop. Highlands Nursery in North Carolina. 1150 Tremont Bldg., BOSTON, MASS.

Mention The Review when you write.

MISTLETOE We can cut, pack and ship same day, the finest quality of well berried Mistletoe you ever saw. Let us quote you prices on your Xmas supply, delivered by express fresh to your door.

FURROW BROS., Guthrie, Okla.

Mention The Review when you write.

GIVE US A TRIAL WE CAN PLEASE YOU.

ROSES, CARNATIONS, and All Kinds of Seasonable Flowers in stock.

WM. F. KASTING, Wholesale Commission Florist,

495 Washington St., BUFFALO, N. Y.

Also Dealer in Florists' Supplies and Wire Designs.

Mention Florists' Review when you write.

WM. J. BAKER,

WHOLESALE CUT FLOWERS,

1432 S. Penn. Square. PHILADELPHIA, PA.

Original Headquarters for CARNATIONS.

Mention The Review when you write.

WM. C. SMITH

Wholesale Florist,

1604 Ludlow St. PHILADELPHIA.

LONG DISTANCE PHONE.

Consignments of Choice Stock Solicited.

Our central location enables us to fill out-of-town orders at short notice.

Mention Florists' Review when you write.

EDWARD REID,

LONG DISTANCE PHONE.

Wholesale Florist,

1526 Ranstead St., PHILADELPHIA, PA.

Mention The Review when you write.

H. Bayersdorfer & Co.

THE LARGEST SUPPLY HOUSE IN AMERICA

New Catalogue of all Florists' Supplies on application. For the trade only.

50 to 56 N. 4th Street, PHILADELPHIA, PA.

Mention Florists' Review when you write.

PANSIES Worth Raising.

The finest Seed as usual, $1.00 per package 3-16 oz. No more Plants before December 1, except transplanted blooming stock at $10.00 per 1000. F. O. B. express.

Cash with Order.

C. SOLTAU & CO.,

199 Grant Ave., JERSEY CITY, N. J.

Mention The Review when you write.

FLORISTS' SUPPLIES

To the TRADE only.

HUNT'S WEEKLY QUOTATIONS

Taking effect Monday Nov. 21, 1898.

Subject to Change Without Notice.

We are Headquarters for CUT FLOWERS.

THANKSGIVING PRICES.

ROSES.

Good stock scarce.

Beauties, long	per doz.,	$3.00—4.00
" medium	"	2.00—3.00
" short	"	1.00—1.50
Brides	per 100,	5.00—7.00
Kaiserin	"	5.00—7.00
Maids	"	5.00—7.00
Meteors	"	5.00—7.00
Perles	"	4.00—6.00
Our selection	"	4.00—5.00

CARNATIONS.

Fancy	per 100,	$3.00—4.00
Selected Stock	"	2.50—3.00
Good	"	2.00—2.50

GREENS.

Asparagus	per string,	$ .50
Ferns—Adiantum	per 100,	1.00
Common Fancy	per 1,000,	1.50
Smilax	per doz.,	1.25—1.50

Wild Smilax, in stock.

Large case	$8.00
Medium	5.50
Parlor Brand	3.75

Galax Leaves, green, bronze, $1.50 per 1000.

MISCELLANEOUS.

Chrysanthemums ordinary	per doz.,	$ .75—1.50
" extra	"	1.50—3.00
Callas	"	1.50—2.00
Valley	per 100,	5.00—6.00
Ivy Leaves	"	.60
Alyssum	"	.15
Violets	"	1.00—1.50

HUNT'S FLOWERS GO EVERYWHERE.

☞ Special Attention given to the Shipping Trade.

For QUALITY, PROMPTNESS and PRICE we have always been in the lead. We are HEADQUARTERS for all Florists' needs and carry the largest stock in the West.

Note a few of our prices.

Cape Flowers, good quality, white, 60c per lb.; colored, best shades, $1.50 per lb.

Bone Meal, absolutely pure, free from acid and ground fine: 50 lbs., $1.00; 100 lbs., $2.00; 200 lbs., $3.50; 500 lbs., $8.00; 1,000 lbs., $15.50; 2,000 lbs. (one ton), $30.00.

Rubber Hose, Whirlpool, manufactured especially for greenhouse use, an **extra fine** hose at a **low** price, 100 feet, $10.00.

Hose Couplers, the **Acme,** quick, neat and no **twisting** of the hose. **Send for prices.**

Immortelles, natural yellow, per doz., $2.00; per 100, $15.00; colored, purple, scarlet, pink, lavender, blue, white, etc., per doz., $2.50; per 100, $18.00.

Florists' Knives, genuine **Saynor,** budding, each $1.00.

Boston Letters. We are agents for these. Buy at headquarters. The best letter in the market. Per 100, $2.00.

Sphagnum Moss, good, clean; each bale **weighs over 40 lbs.,** per bale, $1.00; 12 bales, $9.00.

Sheet Moss for Windows, per bale, 50c.

Tissue Paper, per ream of 400 sheets, 40c per bundle, 10 reams, $3.50.

Putty Bulbs, Scollay's, each 80c; per doz., $8.25.

Raffia, for tying, clean long strings, per lb., 15c; 10 lbs., $1.30; 100 lbs., $12.00.

Ribbon, Santa Maria and Honesty. Send for price and samples; both sure to please.

Thermometers, all styles. We especially recommend **tin case** for greenhouses as accurate; each 12c; 12 for $1.20.

Tin Foil, regular grade, 10 lbs., $1.00; 50 lbs., $3.75; 100 lbs., $7.25. **Terms Cash.**

Wire, annealed. Send for latest quotations, they are **very** low

We make no charge for packing, and deliver goods on board cars in Chicago, free. We carry in stock everything a Florist needs and send catalogue upon application. We solicit your patronage.

E. H. HUNT,

76-78 Wabash Ave., CHICAGO, ILL.

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Get Your Cut Flowers

FROM

W. E. LYNCH.

REMEMBER:
YOU GET
WHAT YOU WANT.

The Right Kind.
The Right Price.

Place Your Orders Now for Thanksgiving.

Chicago, 19-21 Randolph Street.

Mention Florists' Review when you write.

SOCIETY OF AMERICAN FLORISTS.

Department of Plant Registration.

Robt. Sandiford, Mansfield, O., has registered at the secretary's office the following new plants:

Pelargonium Sandiford's Surprise; large black blotches on upper petals, edged fiery red, surrounded with a broad band of white. Lower petals white, with bright red spots in center of each.

Sandiford's Wonder, semi-double, pure white, heavily fringed and crumpled. Some flowers showing small maroon spots in upper petals.

Sandiford's Best, pink, edged with a deep band of white; large pure white throat; large full trusses.

John H. Taylor, Bayside, N. Y., has registered at the secretary's office new rose Admiral Dewey, a light pink sport from Mme. Caroline Testout.

WM. J. STEWART, Sec'y.

ADVERTISING RESULTS.

Florists' Publishing Co., Gentlemen: I advertised a batch of plants in The Florists' Review and another florists' trade paper. The entire stock was sold in six days and three-quarters of the orders came through the advertisement in The Review. I congratulate you on the success of the Review as an advertising medium.

JOHN WELSH YOUNG.
Germantown, Pa., Oct. 25, 1898.

ASPARAGUS SPRENGERI

50,000 Plants, 2½-in. pots, $5.00 per 100, express. 24 by mail for $1.50

SPECIMENS FOR 8-INCH POTS, $6.00 per 12.

A. BLANC AND CO. PHILA.

Mention The Review when you write.

J. M. THORBURN & CO.

Late of 15 John Street, Have

REMOVED TO 36 CORTLANDT STREET, NEW YORK.

CATALOGUE OF BULBS AND CHOICE FLOWER SEEDS for Florists now ready and mailed free on application.

Mention Florists' Review when you write.

FOR SALE.

2000 Field-Grown Dahlia Roots, best double large flow. and pompon, as fine as any in the market, $5.00 per 100.

500 1-year roots, Platycodon grandiflora alba, $4.00 per 100.

Aquilegia Coerulea, Digitalis, Campanula, hardy Asters, Calliopsis, Rudbeckia Golden Glow, new dwarf Phloxes, fine for cutting, and other hardy useful perennials at low rates.

10,000 to 15,000 Asparagus roots 2-year, Colossal, Palmetto and Columbian White Mammoth—make an offer for the last.

E. HAENTZE, Fond du Lac, Wis.

Mention The Review when you write.

32-page pamphlet on "Ashes as a Fertilizer," for the asking. Every farmer should have one.

GEO. STEVENS, PETERBORO', ONT., Canada.

Mention Florists' Review when you write.

Always Mention the.... Florists' Review When Writing Advertisers.

A. L. RANDALL

WRITE FOR SPECIAL QUOTATIONS ON LARGE ORDERS

..Our Specialty...
Beauties, Roses and Carnations.

...Cut Flowers...

Your Wants can be Supplied by ...Wiring All Orders to **4 Washington Street**

WE EXPECT TO HAVE A LARGE SUPPLY OF AMERICAN BEAUTIES, METEORS, MAIDS, BRIDES, CHRYSANTHEMUMS, LILY OF THE VALLEY, VIOLETS, ETC. TRY TO GET AS MUCH OF YOUR ORDER AS POSSIBLE IN EARLY AS WE WILL HAVE MORE TIME TO ARRANGE TO MEET ALL DEMANDS. . . . . .

A. L. RANDALL,

4 Washington St.
CHICAGO.

Prices Take Effect Monday, November 21.

TELEPHONE 1496.

Store Open Until 7 P. M. Sundays Until 12 Noon.

PRICE LIST.

	PER 100.
Am. Beauty, long.....	$20.00 to $30.00
" medium, 20-in.	15.00 to 18.00
" short, 8 to 12-in.	6.00 to 10.00
Meteors, Maids, Brides select.....	4.00 to 6.00
Perles.....	3.00 to 4.00
Carnations, long.....	1.25 to 2.00
" very fancy,	3.00
Lily of the Valley....	4.00 to 6.00
Mums, fancy varieties,	10.00 to 20.00
" extra fine.....	8.00 to 12.00
" very good.....	4.00 to 6.00
Violets.....	1.50 to 2.00
Common Ferns, per 1000.....	$1.50
Smilax.....	10.00 to 12.00
Adiantum.....	.75 to 1.00
Paper White Narcissus, fine.....	3.00 to 4.00

Importer ....of **Florists' Supplies**

Chrysanthemums.

THE MOST COMPLETE COLLECTION IN AMERICA.

WHEN IN NEED OF PLANTS, correspond with us.

NATHAN SMITH & SON, ADRIAN, Mich.

Mention The Review when you write.

BERLIN, ONT.

I suppose these are the first notes that ever appeared in public from this flourishing little town, and I trust they may not be the last, but that as the place increases in size the love of flowers and the quantity of notes may increase also. Should these latter desirable events occur the florists' bank account should increase in the same ratio.

There is good ground to work on here, but so far it has been sadly neglected; flowers have been grown in a sort of spasmodic, happy-go-lucky sort of way, and the people have bought them, but no one so far seems to have pushed the business or tried to cultivate the taste.

Messrs. Kemenski & Stansbury have up till lately had the business all to themselves and they do quite a large market and design trade along with their extensive vegetable trade. Many of the upper ten in Berlin, Waterloo and the surrounding country, however, seem to want something a little better than they have been accustomed to, and if Mr. Ewing, the recent newcomer from Toronto, is any good he should soon be able to work up a fair trade.

Chrysanthemums are of course the principal stand-by just now. Mr. Ewing is cutting some as good Ivories as one can see anywhere; also some Helen Bloodgoods, fine, large, salable blooms. What is the matter with this as a good pink? So far as I have seen it is a good grower, not too lanky, large, very handsome flower, of the kind that takes with customers of the feminine persuasion, and every bloom on the bench is good, like Ivory. Has anyone got anything against it? I don't see it mentioned at all—Bonnaffon is the best yellow I see.

The plant trade here is fair; it can probably be improved. People seem to have a fad for Rex begonias, not a first class house plant, either. A.

Always Mention the....
Florists' Review
When Writing Advertisers.

50,000 Rooted Cuttings

	Per 100
Begonia Incarnata Gigantea	$2.00
" Rex, mixed, Mrs. Pollock	2.00
" Rex, 30 named varieties	4.00
Coleus, 50 varieties	1.00
" mixed, $5.00 per 1,000	.60
" separate colors, 6.00 "	.75
Ageratum, Geraniums, mixed	1.00
Geraniums, separate kinds	1.50
" bronze, lemon verbena	1.50
" silver leaf, rose scented	1.50
" Mme. Salleni, Vinca var	1.25
Impatiens Sultana, assorted	2.00
Pelargoniums, assorted, named	4.00

POTTED PLANTS.

Begonia Incarnata Gigantea	2½-in.	4.00
" Rex, mixed	"	4.00
" Rex, 30 named varieties	"	6.00
Cinerarias, best strains	"	3.00
Asparagus Plumosa Sprengerii	"	6.00
Impatiens Sultana	"	3.00
Geraniums, Silver Leaf	"	4.00
Lemon Verbena		4.00
Forget-me-not, winter flowering		3.00
Vincas Var., 2-inch, 3-inch, extra	$2.00 to	4.00

Write for prices on other stock or for large quantities. Terms Cash or C. O. D.

GREENE & UNDERHILL, Watertown, N. Y.

Mention Florists' Review when you write.

Last Call.

Do You Want Them? All First Class and Protected.

500 Carnations—McGowan, Portia and Ophelia, $4.00 per 100 or $15.00 for lot; 1,000 California Violet Clumps, $3.00 per 100; 500 Lady Campbell Clumps, $5.00 per 100; 1,000 Lady Campbell, pots, $2.50 per 100; 1,000 Swanley White, pots, $3.00 per 100; 200 Allen's Defiance Mignonette, pots, $2.00 per 100; 10,000 Clumps Cannas, low, best sorts; 10,000 **Rooted Cuttings. What do you want?**

BENJ. CONNELL, Florist, WEST GROVE, PA.

Mention Florists' Review when you write.

LAST CALL?

We Still Have

500 Scott. 100 Bridesmaid.
300 Rose Queen. 1,000 Ivory.

ALL A1 PLANTS. AT A BARGAIN

Write for Prices.

CRABB & HUNTER, GRAND RAPIDS, MICH.

Mention The Review when you write.

JOHN THE PANSY MAN.

FRESH '98 SEED.

J. B.'s Challenge is all that the word implies. TRY IT. Trade Packet, One Dollar Cash.

JOHN BEIMFORD, Wilton Junc., Iowa.

Mention Florists' Review when you write.

LONG'S Floral Calendars.

Samples for 1899 ARE NOW READY

Original, Flowery, Artistic, Handsome and Low Priced.

Something customers will appreciate.

THREE SAMPLES, 12c in stamps, Eight for 20c.

DAN'L B. LONG, Publisher, BUFFALO.

Mention The Review when you write

FIELD-GROWN... Carnations

READY NOW.

Scott and McGowan at $5.50 per 100. Genesee, $12.00 per 100.

Rubber Plants, Ficus Elastica, 5-inch, at $5.00 per dozen.

Asparagus Sprengerii, $6.00 per 100

Primroses, $4.00 per 100.

Smilax, $2.00 per 100, field grown.

Hydrangeas, $30.00 per 100.

Vinca Variegated, $5.00 per 100.

WM. F. KASTING,

495 Washington St., BUFFALO, N. Y.

Mention The Review when you write.

Mums Stock Plants $1.00 per doz.

CASH WITH ORDER.

WHITE	PINK	YELLOW
Lady Fitzwygram	Glory of Pacific	Marion Henderson
Mrs. H. Robinson	Mrs. Perrin	Golden Trophy

E. H. Blameuser, Niles Centre, Cook Co., Ill.

Mention The Review when you write.

THE REGAN ... PRINTING HOUSE ...

Nursery Seed Florists' **Catalogues**

87-91 Plymouth Place, Chicago.

Mention Florists' Review when you write.

1899 Announcement. 1899

Having added largely to our greenhouse plant we are now better than ever prepared to supply first class Florists' plants at prices allowing a good profit to the florist. We have added many new and valuable plants to our list and call particular attention to our select line of Novelties as well as to our large, healthy stocks of STANDARD VARIETIES.

CHRYSANTHEMUMS.

We shall offer new varieties of sterling merit in yellow, white and pink, among them **Admiral Dewey,** an entirely new and striking shade of **deep orange yellow.** We offer also stock plants of the best of the introductions of last year and a full line of stock plants of standard sorts.

GERANIUMS.

We have full sets of the **Novelties** of recent introduction by the leading **French** and **English** growers, many of them of such striking colors and markings as to create a lively interest in the Geranium by all who have seen them. Our list will cover all the different types, such as double and single **Aureole, English Round Flowered,** double and single **Bedders** and double and single **Bruants.** Our stock of **Standard Varieties** is large and our list especially well selected.

CARNATIONS.

In conjunction with Messrs. F. Dorner & Sons, we shall introduce valuable commercial seedlings, such as **General Maceo,** a rich scarlet maroon; **General Gomez,** a brilliant cardinal crimson; **G. H. Crane,** a dazzling deep scarlet; and a **white seedling** of the type of **Snowden,** of dwarf habit, suitable for side benches. Our list of standard sorts include **New York, Mrs. James Dean, White Cloud, Bon Ton, Gold Nugget, Mrs. G. M. Bradt, Daybreak, Victor, Wellesley, Evelina, Empress, Flora Hill, Argyle,** and several other well tried varieties. We have ten large houses in Carnations and having added ample cold frames, with heat for holding young stock, shall be prepared to fill large orders with clean, healthy cuttings and plants.

CANNAS.

The new variety, **President McKinley,** has proved to the satisfaction of all Canna growers that it is the best dwarf crimson bedding Canna introduced, really the gem of the collection. We have a fine stock of it and can fill all orders that are sent in season. We have also fine stocks of **Pres. Cleveland, Sec'y Chabanne, Beaute Poitevine, Mrs. Fairman Rogers, Philadelphia,** and all the leading standard sorts.

ASPARAGUS SPRENGERII.

Fine bushy plants, in 4-inch, 5-inch and 6-inch pots, and 8-inch pans, ready for grand specimens for Christmas and Easter.

PANDANUS VEITCHII.

A house full of well grown specimen plants, in 5-inch, 6-inch and 7-inch pots, at prices ranging from **$1.00, $1.25, $1.50** and **$2.00** each, upwards.

KENTIAS BELMOREANA AND FORSTERIANA.

Strong, clean, stocky, cool grown plants, from 5-inch and 6-inch pots, in fine shape, at **$1.00** to **$1.50** each.

NEPHROLEPIS CORDATA COMPACTA.

In 2½-inch, 3-inch and 4-inch pots and 8-inch pans.

ACALYPHA SANDERII.

We are headquarters for this striking new bedding and decorative plant.

DAHLIAS.

A select stock in varieties that flower profusely in this climate and are suitable for florists, either as bedding plants or for cut flowers.

Our 1899 Price List will be issued early in January, and will contain full descriptions of all the best novelties, and cuts of the most striking and meritorious varieties. Before deciding on your purchases for 1899 it will pay you to wait and study our catalogue.

The Cottage Gardens, Queens, N. Y.

CHRYSANTHEMUM STOCK PLANTS

OF Fitzwygram, earliest white; Montmort, earliest pink; Yellow Monarch, earliest yellow; Marion Henderson, Golden Trophy, Elvena, Midge, Frank Hardy, Phoebus, Australian Gold, Mrs. H. Weeks, Longfellow, F. Pullman, Iora, Yanoma, Cheabeaque, Maud Adams, Autumn Glory, Spottswood, R. G. Carey, W. H. Chadwick, Nyanza, Bigelow, Miss G. Vanderbilt, Chas. Molin, A. F. Carey, John Shrimpton, Liberty, Golden Harvest, Quito, Georgienne Bramhall, J. E. Lager, Bonnaffon, Modesto, Sunderbruch, Glory of Pacific, Ivory, Pink Ivory, Pale Perrin, Silver Cloud, Mrs. Egan.

ASPARAGUS SPRENGERII, in 6-in., 8-in., 10-in., 12-in. and 14-in. pans.
Write for our catalogue and prices.

AMERICAN ROSE COMPANY, Washington, D. C.

ST. PAUL.

Trade conditions have greatly improved. Pleasant weather prevails now and society is again active. Receptions are the order of the day and night, and decorations are more lavish than for several years past.

The Queen of Autumn again holds full sway, and other stock, except Beauties, is relegated to the rear. While we have no Mum show in the Twin Cities the showing of Mums is the chief occupation in the stores nowadays. Stock is very fine, and judging from reports from other cities, earlier than in most places.

L. L. May & Co., and Hahn & Olsen both had very large decorations on Thursday of last week. Mums, roses and smilax were the principal flowers used.

Beauties are in good demand, with the supply limited. The best long-stemmed blooms are worth $5 at retail. Other roses are in fair demand, with the supply about equal to the call.

Carnations are coming in slowly, with not enough good blooms to go around.

Violets are backward, owing to the dark weather which has prevailed for several weeks.

Bouquet green, the first harbinger of the Holidays, has made its appearance. This article is quoted higher than previous years. Wet weather, followed by snow and freezing weather in some sections has curtailed the crop. Low prices of late years have also discouraged many from gathering.

Visitors since last report: J. M. Kimberlin, Lester Morse and Arnold Ringier.

C. C. Morse, who was reported seriously ill in Minneapolis, is rapidly recovering. Mrs. Morse is with him.

X. Y. Z.

CINCINNATI.

The Cincinnati Florists' Society has arranged for a series of exhibitions at the Flower Market on the second Saturday of each month from November to May. Suitable prizes are offered for seasonable plants and flowers and some very interesting competitions will undoubtedly result. A printed schedule of prizes for the series has been issued and copies may be had on application to Henry Schwarz, Secy., Price Hill, Cincinnati, O.

CHRYSANTHEMUMS

FINE STOOLS. VERY CHEAP.

Bonnaffon, Georgiana Pitcher Jeannie Falconer, Golden Trophy, Glory of Pacific, Sundew, Lady Playfair Mongolian Prince, C. H. Curtiss.
The above at $4.00 per 100.

LIST No. 2.

Thanksgiving, Modesto, Mrs. Perrin, H. W. Riemen, Mrs. Ryerson, Mrs. Glessner, Mrs. Egan, Merula, Defender, Casco, Golden Harvest, Mrs. G. Morgan, Mayflower, Mrs. Peabody, Mrs. Geo. West, Mrs. Higinbotham, M. B. Verlot.
The above at $8.00 per 100.

LIST No. 3.

Mrs. H. Weeks, Henry Nanz, Colosse Grenoble, Maud Dean, Western King, Mme. Ferlat, Yanoma, Merry Christmas, Mme. Rosseau.
The above at $10.00 per 100.

LIST No. 4. NOVELTIES.

W. H. Chadwick, Australian Gold, Yellow Fellow, Mrs. C. H. Peirce, Autumn Glory, Frank Hardy, Pennsylvania, Quito, Arline.
The above at $25.00 per 100.

ORDER QUICK. STOCK GOING FAST. Orders for one dozen plants filled at the hundred rate.

E. G. HILL & CO., Richmond, Ind.

Mention The Review when you write.

PANSY PLANTS.

1,000,000 Pansy Plants, large blooms and strong plants, $1.50 per 500; $3.00 per 1000; $12.50 per 5000; $20.00 per 10,000.
20,000 sent to one man in California arrived O. K.

1,000 Gynura or Velvet Plant, 2½-in., $3.00 per 100.
8,000 Little Gem Feverfew, 2¼-in., $2.00 per 100; $15.00 per 1000.
5,000 Double White Geraniums, 4 good bedders, 2¼-in., $2.00 per 100; $15.00 per 1000.
5,000 S. A. Nutt, 2¼-in., $2.00 per 100; $15.00 per 1000.

SPOT CASH AND PROMPT SHIPMENTS.

A. MITTING, - Morris, Ill.

Mention The Review when you write.

Lettuce Plants, BIG BOSTON,

BOSTON MARKET, TENNIS BALL, GRAND RAPIDS. Extra strong plants in unlimited quantities. 25c per 100, by mail; $1.00 per 1,000 by express. Cash with order, please

R. VINCENT, Jr. & SON.

White Marsh P. O., Baltimore Co., Maryland

Mention Florists' Review when you write.

Surplus Field Grown

Carnation Plants..

Clean, healthy, strong plants with plenty of roots.

White Cloud, white.	C. A. Dana, pink.
John Young, "	Dazzle, scarlet.
Mary Wood, "	Jubilee, "
Storm King, "	Gold Nugget, yellow.
New York, pink.	Psyche, variegated.
Painted Lady, pink.	Lily Dean, "
Mrs. C. H. Duhme, pink.	Meteor, crimson.

Send for Price List.

F. DORNER & SONS CO.,
LaFAYETTE, IND.

Mention Florists' Review when you write.

CONCH SHELL CARNATION

Winner of the Silver Cup in Springfield, 1897, for the best seedling.

Orders booked now for rooted cuttings for delivery in January, or later if desired, **$6.00 per 100, $50.00 per thousand.** Sample blooms sent on receipt of two-cent stamp to cover postage.

H. WILSON SMITH, Mittineague, Mass.

Mention Florists' Review when you write.

ESTABLISHED 1857.

'PHONE LAKE VIEW 136

Geo. Wittbold,

GROWER AND IMPORTER OF

Tropical Plants

1708 N. Halsted Street, CHICAGO.

If you want any goods in our line we can give the very best of satisfaction in every respect. We want your future trade and know a trial order will make you a regular customer for whatever of our goods you may need. We hope to be favored with a trial order. Satisfactory references or cash must accompany all orders from parties with whom we are not acquainted. Following is a list of the stock we offer. It is in excellent condition and we are confident we can please you, both as to quality and price.

PALMS.

Measurements—top of pot to top of tallest leaf.

VARIETIES.	Size Pot.	Height Inches.	Char'tr Leaves.	PRICE Each.	PRICE Per doz.
Areca Lutescens	5-in.	22-26	6-10	$0.50	$ 5.00
"	6-in.	24-28	8-10	.75	9.00
"	8-in.	40-50	15-20	2.50	30.00
Cocos Weddeliana	3-in.	10-14	4- 6	.25	2.50
Kentia Belmoreana	6-in.	24-26	5- 7	1.50	18.00
" "	8-in.	36-40	4- 6	2.50	30.00
" Forsteriana	6-in.	32-36	3- 5	1.25	15.00
Latania Borbonica	4-in.	14-16	2- 3	.25	3.00
" "	6-in.	20-24	5- 6	.75	9.00
" "	8-in.	24-30	5- 6	1.50	18.00
" "	9-in.	34-36	7- 8	2.50	30.00
Phœnix reclinata	5-in.	18-20	4- 5	.50	5.00
" canariensis	6-in.	22-26	5- 6	.75	9.00
" "	7-in.	26-30	8-10	1.00	12.00

If in need of large specimens of Latania Borbonica, Corypha, Areca Lutescens, Pandanus Utilus or Veitchii, etc., write us for sizes and prices.

MISCELLANEOUS.

	PRICE. Each.	PRICE. Dozen.
Auracaria Excelsa, from 6-in. pots, perfect plants	$1.50	$18.00
" " " 7 " " "	2.00	24.00
" " " 8 " " "	3.50	40.00
Asparagus Sprengerii, 4 " nice plants	.20	2.00
" " 5 " "	.25	3.00
" " 6 " "	.50	6.00
" Plumosus Nanus, 2 " "	5.00	per 100
" " 3 " "		1.00
" " 4 " "		1.50
Dracaena fragrans, strong plants, from 5-in. pots	.50	5.00
Pandanus utilis, " " 5 "	.50	5.00
" Veitchii, " " 7 "	2.00	24.00
Peperomia Verschaffeltii, strong plants, from 3-in. pots,		1.00
" " " 4 "		1.50
Sanseviera Javanica Variegata, from 3-in. pots		1.25
Cyperus alternifolius, strong plants, 4 "		1.00
" " " 5 "		1.50
Selaginella Emiliana, nice plants, from 4-in. pots		1.50
" Martensii, " " 4 "		1.50

FERNS.

VARIETIES.	Size Pot.	PRICE. Doz.	PRICE. Per 100
Adiantum cuneatum	2-in.	$0.50	$4.00
" "	3-in.	1.00	8.00
" "	5-in.	2.00	16.00
Cyrtomium falcatum	3-in.	1.00	8.00
Lomaria gibba	3-in.	1.00	8.00
" "	4-in.	1.50	12.00
Nephrolepis pectinata	4-in.	1.50	12.00
" "	6-in.	3.00	25.00
" exaltata	4-in.	1.50	12.00
" "	5-in.	2.00	16.00
" Bostoniensis	10-in.	30.00	
	$2.50 each.		
" Philipensis	4-in.	1.50	12.00
Pteris Umbrosa	2-in.	.50	4.00
" serrulata	2-in.	.50	4.00

The above Ferns are in fine condition and will give good satisfaction.

SOIL.

Pine Needle Soil, fine for Palms and Ferns, large barrels, $1.50 each.

WREATHING.

We keep in stock Wreathing made both from cedar and lycopodium, and are offering same at $4.00 per per 100 yards.

Largest Stock of Tropical Plants in the West.

PALMS

Heacock's Offer:

All measurements given from top of pot and don't you forget it.

ARECA LUTESCENS.

3 Plants in 3-in. pots,	10 to 12 in. high			$20.00 per 100.
3 "	4 "	15 to 18 "		25.00 "
3 "	6 "	22 to 24 "		9.00 per doz.
3 "	6 "	24 to 26 "		12.00 "
3 "	12 "	5 to 6 ft. high, very bushy		10.00 each.

A few bushy specimens, 14-in. pots, 7 to 8 feet high, $25.00 each.

My stock of this variety is very large, grown cool, clean and very healthy and can not fail to give satisfaction. All are grown three plants in a pot.

LATANIA BORBONICA.

3-in.,	4 to 5 leaves,	12 to 15 in. high	$10.00 per 100.
5-in.,	5 to 6 leaves,	18 in. high	$5.00 per doz. 40.00 "

COCOS WEDDELIANA.

2 x 3-in. pot,	1 Plant,	6 to 8 in. high		$10.00 per 100
3 "	1 "	12 to 14 "		20.00
4 "	1 "	15 "		40.00
5 "	1 "	15 to 18 "		50c each. 6.00 per doz
5 "	3 "	15 to 18 "		50c " 6.00

My stock of this beautiful variety is very large and in excellent condition.

KENTIA BELMOREANA.

3-in. pots,	4 to 5 leaves,	10 to 12 in.	$3.00 per doz.	$25.00 per 100
4 "	5 to 6 "	15 to 18 in.	6.00 "	50.00
5 "	5 leaves,	18 to 20 in.	12.00 "	
6 "	6 "	18 to 20 in.	15.00 "	
6 "	6 "	24 to 30 in.	18.00 "	

The measurements given are from the top of pot to the top of plant, in its natural position.

TERMS: Unknown correspondents will please furnish satisfactory reference or cash with the order.

Joseph Heacock, Wyncote, Philadelphia, Pa.

Mention The Review when you write.

HEATING.

Please give a safe rule by which to reckon heating pipes in a house in proportion to the square feet of glass. Also formula for same.

Is overhead piping good for roses and carnations, or would all under-bench and wall piping be best?

X. Z.

For estimating the amount of heating surface necessary in an ordinarily constructed greenhouse, where a temperature of 60 degrees is required in zero weather, figure one foot of heating surface for each square foot of glass on roof, sides and ends, and if the house has an excess of exposed wall surface, add one foot of heating surface for each 30 feet of such wall surface. The above is for water heating; if for steam heat, figure one foot heating surface to five feet of glass.

The heating surface should be evenly distributed below the benches, but in the case of roses it will be found advantageous to have one line overhead, about two to three feet below the ridge, in order to break up the direct fall of cold air from ventilators, and in the spring and fall, when a little warmth is desired to check the overhead dampness on foggy or misty days, it will be found very effective.

HENRY W. GIBBONS.

New York.

Always mention the Florists' Review when writing advertisers.

100,000 VERBENAS, THE CHOICEST VARIETIES IN CULTIVATION....

FINE POT PLANTS, $2.50 per 100: $20.00 per 1,000.
ROOTED CUTTINGS, 75c per 100: $6 per 1,000: $50 per 10,000

No Rust or Mildew. Packed Light and Satisfaction Guaranteed.

We are the Largest Growers of Verbenas in the Country. Our Plants cannot be surpassed.

Send for Circular. **J. L. DILLON, Bloomsburg, Pa.**

Mention The Review when you write.

HARDY SHRUBS!

Assorted in 25 Varieties.
My selection $50 per 1000. Descriptive catalogue and price lists for the trade

SAMUEL C. MOON,
MORRISVILLE, - - Bucks Co., Pa.

Mention The Review when you write.

Rooted Cuttings.

Coleus,	12 varieties,	60c per 100,	$5.00 per 1,000
Verbenas,	8 varieties,	75c "	6.00 "
Geraniums,	assorted	$1.00 "	8.00 "
Petunias,	double, 7 varieties	1.50 "	12.50 "

Will exchange some of above for Primulas or Cinerarias, or both.

E. H. SMITH & CO. Macomb, Ill.

Mention Florists' Review when you write.

E. G. Hill & Co.

Wholesale Florists,

RICHMOND, - INDIANA.

A No. 1 Stock

10,000 Begonias, 2¼-in., of White Rubra, Paul Brant, Erfordii, Alba Picta, Sandersoni, Metallica and 10 others, $2.00 per 100, $15.00 per 1000.
2,000 Primulas, Chinese and Obconica, 2¼-in., $2.00 per 100.
1,000 Brownie, a new Coleus, fine bedder, $5.00 per 100.
5,000 Geraniums, Hermine; 5,000 S. A. Nutt; 1,000 Mad. Bruant; 2,000 W. P. Simmons; 2,000 Marvel; 2,000 Dr. Blanch; 2,000 Perrie Neal and 1,000 Columbia, all 2¼-in., $2.00 per 100, $15.00 per 1000, and 22 other varieties, just as good.
20,000 Hardy Pinks Clumps, in two colors $2.00 per 100.

The Morris Floral Co., Morris, Ill.

Mention The Review when you write.

HOLLY, HOLLY and BOUQUET GREEN

Very choice Delaware Holly	$3.00 per 100
Good Delaware Holly	2.50
Bouquet Green	1.00 per 100
Galax Leaves	1.00 per 1000

Moss, Peat, Palm Leaves, all kinds of decorative goods. Laurel Roping and Running Cedar. Holly Wreaths $3.50 per 100.
Special prices on large orders. Terms Cash.

A. K. SAVACOOL, - - LEWES, DEL.

Mention Florists' Review when you write.

JADOO.

List of Plants that were awarded Prizes at the Exhibition of the Pennsylvania Horticultural Society held in Philadelphia, November 8th to 12th, 1898.

CHRYSANTHEMUMS, Plants,	3	Prizes.
CHRYSANTHEMUMS, Cut Flowers,	5	"
ORCHIDS, 40 Varieties of Cypripediums,	1	"
FERNS,	1	"
CROTONS, Specimen Plant and Collection	3	"
ASPARAGUS SPRENGERI,	1	"
GERANIUMS,	1	"
FOLIAGE AND FLOWERING PLANTS, 41 Varieties,	1	"
PALMS,	2	"

All of the above plants were either grown in JADOO FIBRE and Loam, or in Loam, and watered with JADOO LIQUID. A complete list of the varieties of above plants furnished on application.

Prizes awarded at the November Exhibition of the Connecticut Horticultural Society, for plants grown in Jadoo.

First Prize for Chrysanthemums.

Display of 12 named plants, 12 distinct varieties as follows: Good Gracious, Miss. G. Pitcher, Mrs. W. P. Raynor, V. Morel, Whitnall, Robinson, Childs, Violet King, L. Canning, Etoile de Lyon, Mrs. Perrin, and Mrs. Bullock.

First Prize for Chrysanthemum.

Best Specimen Plant. (Amateur Class.)

First Prize for Chrysanthemums.

Best Collection of not less than 6 varieties (Amateur Class). The plants shown were as follows: Mutual Friend, V. H. Hallock, Golden Trophy, Gold Standard, Inter Ocean, Golden Fleece, Mayflower, Major Bonnaffon, Marie Stuart, Mlle. Marthe and Ivory.

Grow your plants in JADOO FIBRE or water them in JADOO LIQUID and raise Prize Winners.

THE AMERICAN JADOO CO.

817 Fairmount Avenue. PHILADELPHIA, PA.

JADOO FIBRE and JADOO LIQUID are for sale by all prominent Seedsmen and Dealers.

HOLLY AND GREEN

LET US
BOOK YOUR ORDER
NOW.

We Pay More for Holly than other dealers do.

Why?

It secures for us a Choice and Select Grade.

We Charge No More than other dealers do.

Why?

It pleases us to please you, and We Want Your Trade.

Choice Select Delaware Holly,
Bright glossy leaves and full of red berries.
Per case . . . . . $ 4.50
Per 5 cases 21.00

Bouquet Green, fresh stock . . per crate, $4.00

Bouquet Green Wreathing,
Per 100 yards, medium . . . . $ 3.00
" 100 " heavy 4.00
" 1000 " medium 25.00

ELLIS & POLLWORTH, MILWAUKEE, WIS.

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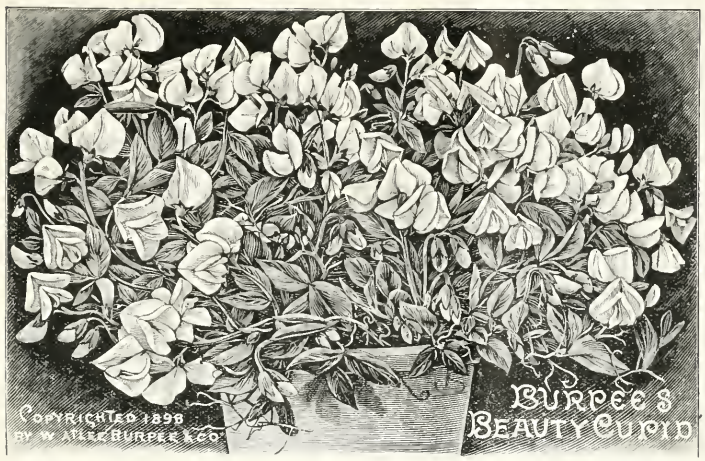


New Dwarf CUPID Sweet Pea -- Burpee's "BEAUTY."

BURPEE'S BEAUTY CUPID, while being always of the true Cupid type—growing only six to seven inches high, with deep emerald green foliage—bears flowers fully equal in size, form and and substance to the best of the new tall Sweet Peas. The handsome large flowers are borne most profusely all over the plant in clusters of three at the top of strong stems. Of unusual breadth, rather pointed at the top, and edges re-curved, giving it the deeply hooded effect of **Prince of Wales** or **Her Majesty.** The standard is a delicate and yet **decided rose color,** lightening to nearly white at the edges, and slightly striped with carmine at the base. The wings are suffused rosy-carmine, deepening at the edges. A vigorous grower, it is a wonderfully free bloomer, and besides its beauty in the garden promises to be of real value as a commercial flower in greenhouses.

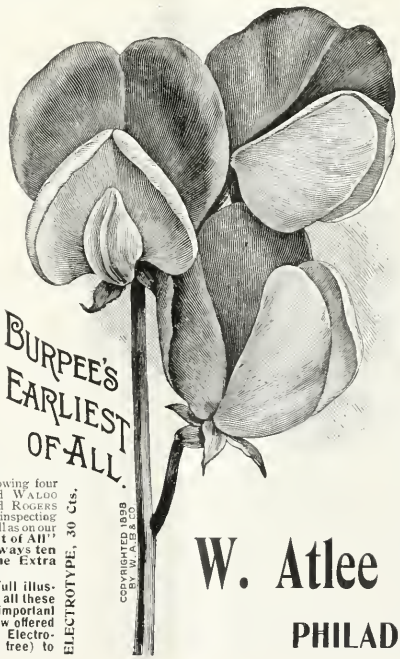
New Sweet Pea -- Burpee's "EARLIEST OF ALL."

"Every florist will be eager to have this distinct new strain, when we state that it is identical with the **Extra Early Blanche Ferry**, except that it is more dwarf in growth and comes into full bloom **at least ten days earlier.**" The prophecy just quoted from our remarks last year has been more than verified as the demand was extraordinary, and we have received most enthusiastic letters as to the unique value of EARLIEST OF ALL, both for forcing and open ground. The illustration was engraved from a photograph of a spray of flowers, exactly natural size. This most valuable new strain originated with MR. THOMAS GOULD, who wrote us, September 10, 1897.

"The new **'Earliest of All'** were so closely selected that their habit was UNIFORMLY dwarf after slight roguing, as compared with parent plants, coming into general bloom fully two weeks before the Extra Early Blanche Ferry showed scattered bloom. The distinctiveness in early habit was so marked in all stages of development as to invite interrogations from EVERY visiting seedsman as to the difference between this selection and its parent stock, growing immediately contiguous. In fact, this characteristic was unquestionable to an experienced eye as far away as the bloom could be distinguished. I was much chagrined to receive such a small crop after all the precautions taken to save almost every seed."

Per packet, **10c**; per ounce, **40c.**
Wholesale, **$5.00** per hundred packets; **$25.00** per hundred ounce packages.

Burpee's "EARLIEST OF ALL," notwithstanding its free-flowering character, proved such a shy seeder last year that we were able to offer the seed only at retail, in sealed packets of twenty seeds each. To enable us to meet the demand that was sure to follow from florists and dealers this season, we sent stock seed for planting last winter to the following four well-known growers: C. C. MORSE & CO., and WALOO ROHNERT, of California; and W. A. DENISON and ROGERS BROTHERS, of Jefferson County, New York. In inspecting these contract crops the past spring and summer, as well as on our own grounds at FORDHOOK, we found that **"Earliest of All"** came uniformly dwarfer, more even in growth, and **always ten days to two weeks earlier in bloom than the Extra Early Blanche Ferry.**



Our Special Catalogue of 24 pages, giving full illustrated description of all these and other new Sweet Peas, besides several other important Novelties in Vegetables and Flowers, which are now offered to the trade, will be mailed free on application. Electrotypes furnished at a nominal price (practically free) to houses who catalogue our Novelties for 1899.

3 NEW CUPIDS.

WE invite special attention to the 3 NEW CUPIDS—BURPEE'S BEAUTY, ALICE ECKFORD and PRIMROSE—as undoubtedly **the most important Novelties for 1899.** We offer all these at uniform price, as follows:

In regular size packets (each containing 24 seeds), per pkt., **25c**; 5 pkts. for **$1.00**; per dozen pkts., **$2.00**; per 100 pkts., **$12.50.**

A lower rate will be quoted by the 1,000 pkts.

In half size pkts (each containing 12 seeds): per pkt., **15c**; 2 pkts. for **25c**; or 10 pkts. for **$1.00**; per 100 pkts., **$7.50.**

A lower rate will be quoted by the 1,000 pkts.

ALICE ECKFORD CUPID.

The blooms, while of only medium size, are of fine, erect form, and borne in close clusters of three on stiff stems, displaying most attractively the charming, blended coloring. The standards are a rich, creamy-white, suffused or blended with a delicate shading of soft flesh pink; the wings are silvery-white with a faint pink flush in the central portion. The flower is identical in size, form and color, with that of the tall ALICE ECKFORD, which, while not of the largest size, has been admired so greatly on account of the delicate and harmonious shadings of softly blended tints.

It is a BLACK-SEEDED variety of strong vitality, so that no difficulty need be feared in securing a good stand of plants, even under adverse circumstances, while like all the CUPID varieties it will bloom much longer and more freely during hot, dry weather than any of the tall varieties of Sweet Peas.

PRIMROSE CUPID.

Like all the other Cupids, this is very free flowering, and the dwarf plants, only six to seven inches high, have that distinct EMERALD-GREEN foliage which is peculiar to this new race. This is identical with the original white CUPID in all respects except coloring. The flowers are of a rich CREAMY TINT, identical with that of the tall PRIMROSE. The seed we offer is all hand-picked and therefore, although WHITE-SEEDED, will grow nearly as vigorously as the hardier BLACK-SEEDED varieties.

2 Grand New Tall Sweet Peas.

NOW FIRST INTRODUCED.

Eckford's Sadie Burpee.

Of which Henry Eckford says "the extreme daintiness of its shape and pure pearly-whiteness is beyond description." Being black-seeded as well as white-seeded, makes it of exceptional value.

Burpee's Navy Blue.

This is the famous Sunset Novelty "A," of which we have purchased the entire control. It is a distinct coloring innovation.

A circular describing both of these remarkable Novelties in tall Sweet Peas will be sent on application.

W. Atlee Burpee & Co.,

PHILADELPHIA, PA.

THE FUEL QUESTION.

The fuel question is a most important one to the florist, and he is always on the lookout for fuel that will produce the best results at a minimum of cost. A number of Chicago growers have been trying the New River "smokeless" coal, supplied by the New River Fuel Co., Ellsworth building, Chicago, and make very favorable reports regarding it.

Under date of Nov. 2, Mr. Paul Kopanka, foreman of the Morton Grove Greenhouses, Morton Grove, Ill., writes as follows: "You asked me if I could recommend New River coal for greenhouses. I will answer you yes, emphatically yes. We have always been users of Indiana Block coal and up to the middle of last winter believed that nothing else was suitable for greenhouse use. We tried then a car of New River coal and were so pleased with it that we have since used no other kind. The coal burns freely and gives an intense heat, making no clinker whatever, a very small per cent of ashes, and no soot or smoke. In fact, I find it the best and most economical fuel for greenhouse purposes."

HEATING.

The American Radiator Co. is one of the largest manufacturing concerns in the country, with offices in all the large cities. Last year they added a department devoted to boilers, making the "Ideal" heater, and have already sold some 3,000 of them. A copy of their catalogue of boilers has reached us and it is illustrated with some of the handsomest engravings we have ever seen. We understand that the company will make a specialty of greenhouse heaters.

VERBENA KING

Is still in the ring And will have a million cuttings ready between now and next spring.

We will have 'em, as I have added two more cutting houses and will go into the rooted cutting growing very extensively, over 50 of the latest and best mammoth named vars. of Verbenas in cultivation, free from rust and mildew. REMEMBER, we guarantee satisfaction and safe arrival to all parts of U. S. and Canada. Verbenas, R. C. 60c per 100, $5.50 per 1000, 5,000 for $25.00, 10,000 for $45.00, 25,000 for $100.00.

ROOTED PETUNIAS—double, again Dreer's and Henderson's latest strains. Surely these are world beaters, at $1.25 per 100, $10.00 per 1,000.

HELIOTROPES—10 best named vars., $1.00 per 100, $8.00 per 1,000.

COLEUS—rooted cuttings, 40 of the latest and best named vars. They are fine, at 70c per 100, $6.00 per 1,000. Special prices on large lots.

☞Remember, we prepay all mail or express charges on all rooted cuttings.

Verbenas and Petunias ready Dec. 1st.

C. HUMFELD, Clay Centre, Kans.

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Florists' Review
When Writing Advertisers.

DEUTZIA LEMOINEI

WITHOUT doubt one of the most important new hardy plants offered in many years. It is a hybrid between D. gracilis and D. parviflora and has the advantage over the former of having flowers nearly three times as large, which are produced in broad based cone-shaped heads of from 20 to 30 flowers each, and are of purest white, which open out very full. It is perfectly hardy, and will not only prove a valuable plant for the garden, but is certain to become one of the standard plants for forcing into flower in winter, more especially at Easter, and it is quite sure to take the place of the popular D. gracilis.

Strong one-year-old field-grown plants $1.25 per dozen, $10.00 per 100. Strong 2½-inch pot plants for growing on, $5.00 per 100, $40.00 per 1000.

We also offer a fine lot of two and three-year-old Deutzia Gracilis suitable for potting up into 7-inch pots for forcing, at $6.00 per 100.

HENRY A. DREER,
714 Chestnut St., Philadelphia, Pa.

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ANTON SCHULTHEIS, P. O. Box 78...
College Point, Queens Borough, N. Y.
HEADQUARTERS FOR
PALMS and Decorative Plants in Quantity
Come, see and convince yourself
Ericas (Heather), also Full Line of Other Flowering Plants
Price List on Application

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INSURE AGAINST FIRE IN THE
Florists' Mutual
Fire Insurance Ass'n.
ADDRESS W. J. VESEY, Sec'y,
FORT WAYNE, IND.

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SPHAGNUM MOSS.

A very select quality. 75c per bale, ten bales, $6.00. Grown and packed by

M. I. LYONS, Babcock, Wis.

Write for prices on car lots.

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WE OFFER
FINE FIELD-GROWN
·ROSES·

American Beauties, La France (White)
La France (Pink) **Belle Siebrecht,**

Thrifty Stock, $15.00 per 100.

Bridesmaid,	Comtesse Riza du Parc
Mme. Jos. Schwartz,	La Princess Verra,
Mme. Camille,	Mme. Jean Sisley,
Comte de la Barthe,	American Perfection,
Henry M. Stanley,	Bougere,
Souv. de F. Gaulain,	Grazella,
Lady Castlenaugh,	Louis de la Rive,
Mme. Margottin,	Mme. Etienne,
Homer,	Adam Tea,
Mme. Cecile Brunner,	Duchess of Albany,
Louise Osterrich,	Eliza Heyman,
Cels Tea,	Pink Daisy,
Mignonette,	Archduke Charles,
Empress of China,	Agrippina,
Mme. Schwaller,	Appoline,
Monte Carlo,	Louis Phillipe,
Mrs. Degraw,	James Sprunt,
Elisa Boelle,	Mme. C. Kuster,
Queen of Scarlet,	Little Pet,
Princess Sagan,	Mme. Bosanquet,
Chas. Ravolli,	Mme. Lambard,
Cath. Mermet,	Maman Cochet,
Miss Ethel Brownlo,	Mosella,
Janne d'Or,	The Bride,
Aurora,	Jeanne Guillaumez,

$6.00 per 100.

HYBRID PERPETUALS.

Vick's Caprice,	President Lincoln,
Gen'l Jacqueminot,	Gloire de Margottin,
Mme. Plantier,	Boule de Neige,
Chas. Lefebvre,	Caroline Goodrich,
Marie Baumann,	Mme. A. Carrier,

$8.00 per 100.

RAMBLERS, yellow, white and pink, $6.00 per 100
1,000 SANGUINEA, $4.00 per 100.
Also a fine lot of **BOUVARDIAS,** — price on application

NANZ & NEUNER,
LOUISVILLE, KY.

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SPECIAL OFFER
Gloire de Lorraine Begonia

The grandest Novelty of the day and one of the best selling plants for Florists ever offered.

Blooms continuously Autumn, Winter and Spring. Flowers, beautiful clear pink. Plants present a mass of floral loveliness for months.

FINE, STRONG PLANTS, from 4-in. pots, per dozen, **$7.50;** per 100, **$55.00.**

FLOWERING PLANTS, from 2½-in. pots, per dozen, **$4.75;** per 100, **$35.00.**

NOW READY.

R. & J. Farquhar & Co.

16 and 19 South Market Street,
BOSTON.

Mention The Review when you write.

Carnations! All the new and leading varieties. Contracts for rooted cuttings made now. Send for prices stating what you want. Geo. Hancock & Son, Grand Haven, Mich

Mention The Review when you write.

Kraft's Plant Tonic, 99% XX

It Kills the Harrisii Lily Mite. C. J. Stromback, of Lincoln Park, Chicago, says so.

It Kills Black and other Aphides. The Cornell University Experiment Station authorities, Ithaca, N. Y., say so.

It Kills Mealy Bug and Prevents Carnation Rust. James Leake, gardener to B. Eldredge, Belvidere, Ill., says so.

It Kills Palm Scales. August Jurgens, Herndon Street, Chicago, says so.

IT KILLS ALL INSECT ENEMIES OF PLANTS, prevents disease in all its varieties and imparts vigor to the growth without risk of injury to the most delicate forms of vegetation.

THIS PREPARATION IS NON-POISONOUS.

WE GUARANTEE THE ABOVE TO BE CORRECT IN EVERY PARTICULAR.

SEND FOR PRICE LIST AND DESCRIPTIVE CIRCULAR.

Kraft Plant Tonic Co. ROCKFORD, ILL.

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Grandiflora — Cape Jessamine.

Gardenia Fortunii.

Propogated and sold by us under above local name to over 2,000 customers in this country in past five years. (Bloom is from one-third to one-half larger than Gardenia Florida.)

Stocky Plants. 9 to 24 inches, $1.00 per 10; $7.50 per 100.
2½ to 4 feet, $1.25 per 10; $9.00 per 100.

Prompt filling of orders guaranteed as long as this Adv. continues to appear.

C. W. BENSON, Alvin, Tex.

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New Mammoth Verbenas

In this specialty we challenge the world. For variety of colors, shades and markings, clean, healthful, vigorous plants they can not be surpassed. This stock will sell at sight and make you money. Growing large quantities, we are prepared to fill orders promptly the day received. Our two-inch and two and a half inch pot plants are fine and full of cuttings; price, $2 per 100. Strong rooted cuttings, 60c per 100, $5 per 1,000, DELIVERED to any part of the United States or Canada. Place your orders early. Write for our descriptive circular.

Terms: strictly cash with order.

SOUTH SIDE FLORAL CO., Springfield, Ill.

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SURPLUS STOCK AT SURPLUS PRICES.

Poplars—Carolina, 6 to 8, 8 to 10, 10 to 12 and 12 to 15 feet. Golden, Silver and Lombardy same sizes. **Sycamore**—European, 6 to 8, 8 to 10, and 10 to 12 feet. **Magnolias**—Acuminata, 4 to 6, 6 to 8 and 8 to 10 feet; Tripetela, Soulangeana, and Speciosa 1½ to 2 and 2 to 3 feet, six other sorts 1½ to 2 feet. **Maples**—Immense stock, leading sorts, all sizes, 6 to 25 feet. **Mountain Ash**—European and Oak Leaved. **Willows**—Laurel Leaf, Canescens, Rosemary, Etc.

In **Weeping Trees**, we offer immense lot of **Willows**, Kilmarnock, New American, Wisconsin and Babylonica. **Mulberry**—Teas Weeping, the finest lot we ever grew. **Mt. Ash, Cut Leaved Birch, Etc.**

In **Vines** and **Shrubs**—**Ampelopsis**, Veitchi, strong two year field grown. **Clematis**, Jackmanii, Henryi, Mad. Ed. Andre, etc. **Berberis**—Thunbergii and Purpurea. **Elder**—Golden. **Syringa**—Golden. **Spireas**—Van Houtte, Anthony Waterer, Thunbergii, etc. **Lilacs**—New Double Flowered in 8 varieties. **Altheas, Deutzias, Snowballs, Syringas, Wiegelias, Etc.**, in great supply.

Roses—two years field grown, Hybrid Perpetual, Moss, Climbers, Wichuriana and Wichuriana Hybrids, Rugosa, and Rugosa Hybrids and Multiflora Japonica. **Azaleas**—Mollis and Pontica, fine bushy well-budded plants.

Forty-four Greenhouses well filled with **Roses, Palms, Ferns, Ficus, Chinese Azaleas, Araucarias, Geraniums, Etc.** Correspondence solicited. Catalogues and price lists free.

THE STORRS & HARRISON CO., Box 59, Painesville, O.

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122 W. 25th St., NEW YORK CITY.

Manufacturers of WIRE DESIGNS and Dealers in

FLORISTS' SUPPLIES

Live Sphagnum Moss For Orchids, etc., $1.25 per bbl.

Sphagnum Moss First quality, 85c per bale, 10 bales $6.00.

Peat $1.20 per bale, quality A No. 1.

Z. K. JEWETT & CO.,
SPARTA, - - WISCONSIN

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Send to **THE MOON** Company

For Your { Trees, Shrubs, Vines, and Small Fruits.

Descriptive Illustrated Catalogue **Free.**

THE WM. H. MOON CO., Morrisville, Pa.

Ornamental Shrubs,

HERBACEOUS PERENNIALS.

A specialty of Iris, Phlox, Pæonies, Pyrethrums, Poppies, etc. Wholesale List on application,

JACOB W. MANNING,
The Leading New England Nurseryman. ESTABLISHED 1854. READING, MASS.

CINCINNATI.

The Exhibition.

The first monthly show and chrysanthemum exhibition of this season, given by the Cincinnati Florists' Society, was held Nov. 12 at their club rooms. The show was pronounced a great success; not less than 3,000 people visited the hall from 2 to 8 p. m. Among the local growers Witterstaetter, George & Allen and the Hoffmeisters were largely represented.

At this show three special cash prizes were offered. Barron, Boyle & Co.'s $10 for best vase of 25 chrysanthemums was captured by R. Witterstaetter with a vase of Bonnaffon. This vase was surely a sight long to be remembered; the public went simply wild over it. Second prize of $5, offered by Alb. Sunderbruch, for best 12 blooms, 12 varieties, was taken by George & Allen with a vase of choice standard varieties. J. Ch. McCullough's prize for best 25 Lily of Valley was also taken by George & Allen.

Mr. August Hoffmeister staged a vase of 25 Golden Wedding which were superb, and a vase of their new rose, Miss Clara Barton, made a grand showing. They were the only exhibitor of Beauties.

Messrs. E. G. Hill & Co. entered the $10 contest with a vase of their new chrysanthemum, Mlle. Lucie Faure; this is surely a grand variety and was much admired, but the vase of Bonnaffon stood pre-eminently above anything in the hall. Fred Walz had a vase of his old favorite rose Maréchal Niel on exhibition, much admired by the ladies.

There was a little ill-feeling expressed in regard to the awarding of the $10 prize offered by Barron, Boyle & Co. One of the directors took a vote, and ont of 22, 18 were in favor of the decision of the judge.

In the evening the regular monthly meeting took place with but a small attendance. Four new members were proposed, and it was decided that all members in arrears three years be dropped, and delinquent members, if not paid up by December, expelled.

Bowling.

Mr. Theo. Bock came down from Indianapolis, hale and hearty. He spent the greater part of his stay at a neighboring alley practicing for the next contest at Indianapolis. The following gentlemen bowled a friendly game last Wednesday at the Halla Halla alleys, with the following results:

Theo. Bock	164	148
A. Sunderbruch	162	158
W. W. Coles	152	176
McKean	158	172

The championship will be decided next year at the annual chrysanthemum show of the Indiana florists.

B.

ERIE, PA.—E. C. Hill has opened a floral store at 708 State St.

HEADQUARTERS FOR
ASPARAGUS PLUMOSUS NANUS
W. H. ELLIOTT
BRIGHTON, MASS.
CUT STRINGS, 8 to 10 feet long, 50 cents each.
Shipped to any part of the country.

The MODEL Extension Carnation Support....
Also Wire Rose Stakes.

QUEENS, N. Y., Feb. 16, '97.
MR. THERON PARKER, Brooklyn, N. Y. Dear Sir:—I have tested your latest Model Carnation Support, and am free to say that I consider it the best wire carnation support that I have ever seen. It is quickly and easily applied, and I think will prove very durable, and you certainly deserve great credit for the invention.
Very truly yours,
C. W. WARD.

FLATBUSH, BROOKLYN, N. Y., Feb. 18, '97.
MR. THERON PARKER.
Dear Sir:—Your wire stake is certainly a gem. Without hesitating we endorse it as an up-to-date Carnation Support. Yours truly,
DAILLEDOUZE BROS.

W. HOBOKEN, N. J., Feb. 18, '97.
MR. THERON PARKER, Brooklyn, N. Y. Dear Sir:—It gives me much pleasure to congratulate you upon your success in getting up Carnation Supports. I think that those I have had from you are about as perfect as anybody will be able to make them. They certainly fill my bill for an ideal carnation support, a thing I have been looking for for a long time. Wishing you every success in the sale of them, I am,
Yours truly, E. ASMUS.

Write for Prices, Circular and Special Discounts for early orders.

The Model Plant Stake Co.
THERON PARKER, Mgr., Inventor and Patentee,
22 Morton Street, BROOKLYN, N. Y.
Mention The Review when you write.

For Immediate Delivery

Amoor Privet and Hardy Lemon, best hedge plants.
5,000 Gardenia Florida, ... 5,000 Oranges, dwarf grafted sorts, 15,000 Camphor.
500 Ficus Elastica, 10,000 Latania, 1,000 Phoenix Reclinata, 6-inch.
100,000 Cannas, leading sorts at $15 per 1000.
10,000 Biota Aurea Nana.
5,000 Rare Conifere. Roses, field-grown, on own roots and budded. An immense stock of Ornamental and Fruit Trees.
SEND FOR TRADE LIST.
P. J. BERCKMANS CO., - - Augusta, Ga.
Mention The Review when you write.

Correspondence Solicited

ORCHIDS
Imported and established stock of A1 quality always on hand, also a complete line of best Cherry Wood Baskets, Fresh Moss and Peat, etc.

Cattleya Mendelii
Arrived in superb condition.
Write for prices at once before all are sold.
Lager & Hurrell, Growers and Importers.... Summit, N. J.
Mention Florists' Review when you write.

Herr's Pansies...
Good little plants (greenhouse grown), ready Dec. 1st, at 75c per 100, or $4.00 per 1000.
Herr's Carnations
Every cutting guaranteed satisfactory or money refunded. All the leading varieties in quantity at reasonable prices.
ALBERT M. HERR, - Lancaster, Pa.
Mention The Review when you write.

SURPLUS STOCK OF ROSES.
500 Perles, 1000 Brides, 1500 Bridesmaid, fine stock, out of 2½-inch pots, $3.00 per 100, $25.00 per 1000.
VIOLETS, field grown clumps, $3.00 per 100.
C. LENGENFELDER,
Cor. Western and Berteau Aves., CHICAGO, ILL.
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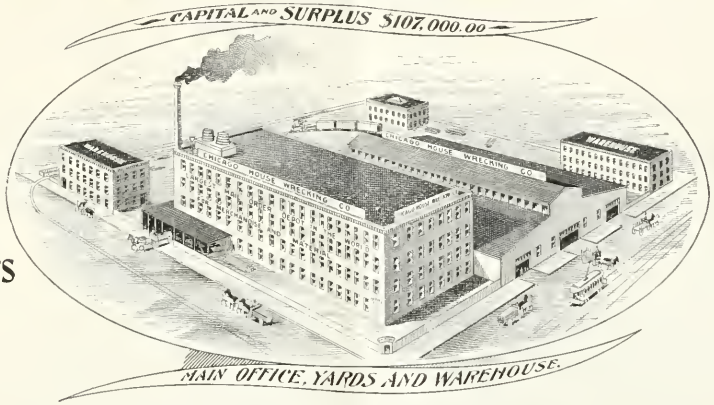
Chicago House Wrecking Co.

NEW AND SECOND-HAND MATERIAL OF ALL KINDS.

CAPITAL AND SURPLUS $107,000.00

Piping
Hose
Boilers
Radiators
Etc.



Glass
Paint
Roofing
Lumber
Etc.

MAIN OFFICE, YARDS AND WAREHOUSE.

West 35th and Iron Streets,

WRITE FOR CATALOGUE "A". GHICAGO.

The Perfect Flower Pot Handle and Hanger.

It is used in lifting plants out of jardinieres, also for hanging up plants for decorations on walls, etc. Will sustain a weight of 100 pounds.

No. 1, will fit from 2 to 5-inch pots, per dozen, 35c.; No. 2, will fit from 5 to 8-inch pots, per dozen, 50c.; No. 3, will fit from 8 to 12-inch pots, per dozen, 60c. Postage 10c extra per dozen; sample pair, 10c, postpaid

W. C. KRICK, 1287 Broadway, Brooklyn, N. Y

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L. C. BOBBINK.....

RUTHERFORD, N. J.

Representative Wholesale Grower in France, Belgium and Holland. Send for Catalogues.

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F. & F. NURSERIES, SPRINGFIELD NEW JERSEY

Wholesale Growers TREES and PLANTS in Full Assortment. ....TRADE CATALOGUE FREE.

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THE FLORISTS' MANUAL

By WILLIAM SCOTT.

IT WILL TELL YOU just what you want to know in just the way you want to be told.

Send in your order now.

Price, $5.00

Florists' Publishing Company,
520-535 Caxton Bldg., CHICAGO.

WASHINGTON.

Mums are to be seen everywhere, on street corners, drug stores, markets, and at last they have reached the department store. But in spite of the glut this week they have been held at $8 to $12.50. Prices on other stock same as last week.

The chrysanthemum show of J. H. Small & Sons and A. Gude & Bro. closed after a successful week. Thousands of people passed through the store of the latter firm, who have added an immense conservatory to the rear of their establishment. Autumn foliage entered largely in the decoration. The exhibit was a fine one. Some fine specimens of Boston fern, measuring five feet across, attracted much attention.

The feature of Small & Son's show was their window decoration, composed of fine specimens of orchids arranged in groups among temporary rock work, in the center a pool of water with fountain. The ceiling over the window was one canopy of wild smilax, lighted with hundreds of incandescent lights, making a handsome effect. In the center of the side window, on top of a mound of Farleyense fern, was a handsome specimen plant of Acalypha Sanderi, bearing 25 blooms 10 inches long. The chrysanthemums exhibited included well grown plants of new and standard varieties, also a seedling of their own Isle of Cuba.

Mr. J. Owen Hanvey, of Lynchburg, Va., was a recent visitor.

F. H. KRAMER.

SOCIETY OF AMERICAN FLORISTS.

We have received from Secretary Stewart a copy of the printed proceedings of the fourteenth annual convention of the Society of American Florists, held at Omaha last August. It contains 164 pages, is neatly printed and gives in full the various papers read at the convention, together with the discussions on same, in addition to reports on allied organizations and a list of plant introductions in America in 1898. There is an alphabetical list of the members in addition to the usual one arranged by states.

A Florist Knows what Kind of

HOSE

A FLORIST OUGHT TO HAVE.

Let us quote you prices and send you a sample of a GOOD HOSE.

Address,

J. G. & A. ESLER,

SADDLE RIVER, NEW JERSEY.

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The Finest Flowering Novelty of the Century.

THE EVERBLOOMING

Acalypha Sanderi..

The most extraordinary decorative flowering plant ever introduced. Spikes of blossom

GLOWING CRIMSON SCARLET,

20 to 25 inches long.

From January to December it can be had in bloom, both small as well as large plants produce spikes in great profusion. Fine, well-rooted plants, ready for delivery **in 2½-inch pots, $1.00 each; or $9.00 per dozen. Strong plants, in 4-inch pots, $2.00 each, or $15.00 per dozen.**

Orders filled strictly in rotation.

JULIUS ROEHRS, Florist,

CARLTON HILL, N. J.

Mention The Review when you write.

FANCY

DAGGER

HARDY FERNS.

WARRANTED FIRST QUALITY.

Special attention paid to supplying Wholesale Dealers. Write for prices.

ALSO DEALER IN

BOUQUET GREEN, SPHAGNUM MOSS, CHRISTMAS TREES, Etc.

L. B. BRAGUE, Hinsdale, Mass.

☞ Oldest, largest and most reliable dealer in the United States.

Mention The Review when you write.

Delaware Holly of the Best Grade.....

from the Swamps,

with Bright Green Foliage and well Berried

Orders will now be received for shipments which will go forward freshly packed at the proper time. For prices and terms, address —

ALEX. PULLEN, Milford, Delaware.

MILFORD NURSERIES.

Mention Florists' Review when you write.

JUST ARRIVED from

FRANCE -- Roman Hyacinths, Narcissus, Freesias, etc.

JAPAN -- Lilium Longiflorum, all sizes. Crop short.

HOLLAND -- Hyacinths, Tulips, Narcissus, Crocus, etc.

CHINA -- Chinese Secred Lilies.

On hand:—Extra selected **Lily of the Valley**, 2,000 in a case $24.00

From cold storage:—A fine lot of **Araucarias.**

State quantity needed and prices will be cheerfully given by

F. W. O. SCHMITZ, - - JERSEY CITY, N. J.

Mention The Review when you write.

Stock Plants...

of earliest of all Mums

LADY FITZWYGRAM,

Flowers 5 inches in diameter. Cut September 20. Last year September 17. $1.00 per doz. Cash with order, please.

FRED BURKI, - Bellevue, Pa.

Mention The Review when you write.

"SPECIAL OFFER."

Pandanus Utilis, 2½-inch pots, beautiful, clean stock, $8.00 per 100. Only a limited number. Fine for growing on.

SIEBRECHT & SON,

New Rochelle, N. Y.

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HITCHINGS & CO.

ESTABLISHED 1844

Horticultural Architects and Builders

And Largest Manufacturers of

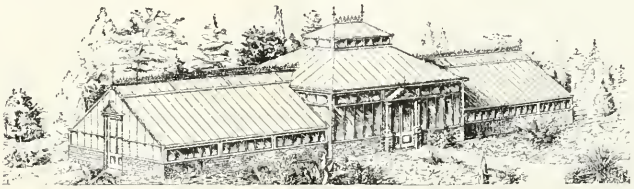
Greenhouse Heating and Ventilating Apparatus.

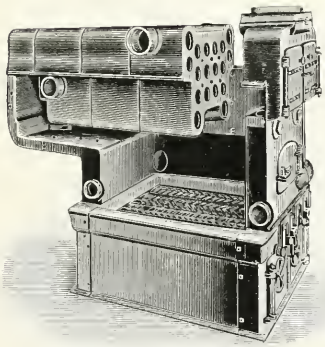
...BUILDERS OF...

IRON FRAME GREENHOUSES

Rose Houses, Palm Houses and Conservatories erected complete with our Patent Iron Frame Construction . . . . . .

Structural Material Furnished Ready for Erection.





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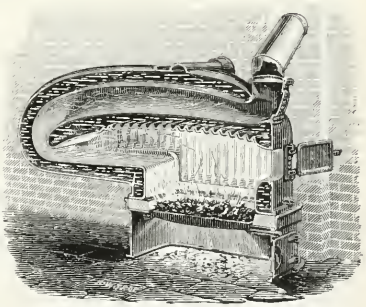
Hot Water Boilers FOR Greenhouse Heating

6 Patterns...
...26 Sizes



Our Well-known Corrugated Fire Box Boiler.

PERFECT SASH RAISING APPARATUS.

Highest Awards received at the World's Fair for Horticultural Architecture, Greenhouse Construction and Heating Apparatus.

HITCHINGS & Co.

Send 4 cents for Illustrated Catalogue.

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CLEVELAND.

Trade Review.

Cut flower trade has been very good the past two weeks. Roses are looking fine and bring $1 to $2 per dozen; Beauties, $2 to $6. Carnations are not too plentiful, with quality improving; price $1, with selects $1.50. Chrysanthemums are seen in good shape and average about $2.50 per dozen. Violets retail for $1.50 to $2 per 100.

Miss Eadie has some Pink Ivory in her window—about the only ones in town.

Notes.

Mr. Gasser has named his new carnation Admiral Dewey. It certainly is a fine one, being the best bloomer he has. This variety is about the same color as Tidal Wave; parentage, McGowan and Tidal Wave.

Mrs. Ella Grant Wilson held a chrysanthemum show at her store on Monday and awarded prizes to the ladies naming the most blooms.

There have been some fashionable weddings the past week, calling for handsome decorations. Smith & Fetters did themselves credit.

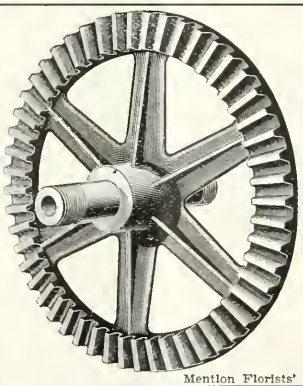
Mr. Edw. C. Fetters, of Smith & Fetters, was quietly married on Tuesday evening to Miss Carrie Vollmer. The happy couple left for a short western trip. Congratulations in order.

J. M. Gasser had a handsome spray of Oncidium splendidum in his window this week, grown at his Rocky River houses.

Miss V. McCullough is in New York, where she will remain till Dec. 1st.

O. A. C. O.

THE "Practical" label holders used at the Mass. Hort. Society's exhibition this week were furnished by the American Jadoo Co., who are the sole manufacturers of them in this country.



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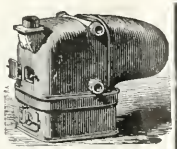

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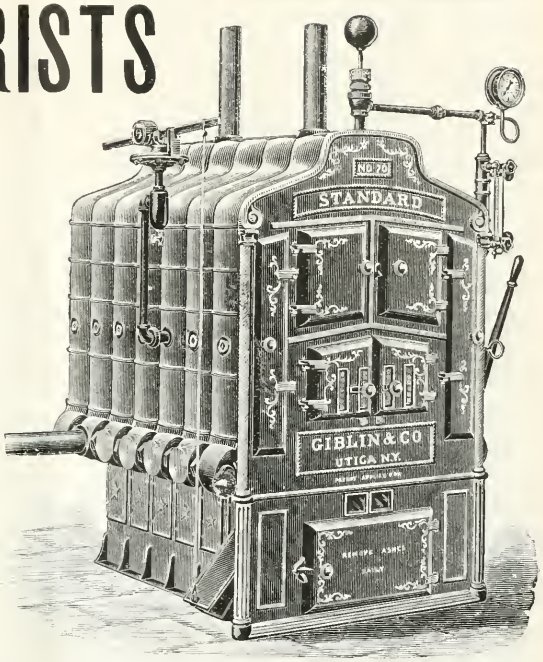
not use the same common sense in buying their heating apparatus as in developing their plants? On certain plants, money and time are thrown away, and no matter how much money and time are spent on them they never amount to anything. It is so with boilers; unless they have excellence in their construction, they are a constant source of

WASTE

Such boilers are usually cheap when first bought, but because of repairs, waste of fuel, labor required in managing they are a continual source of expense, and every year the florist wastes the difference between what he has paid for a poor boiler and what he would have to pay for a good one. Our boilers are acknowledged of superior merit, they operate with a reasonable supply of

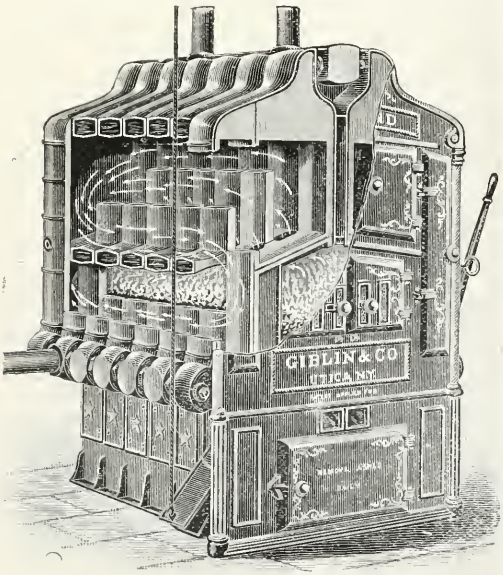
FUEL

and the labor required in managing is reduced to a minimum. With these boilers the florist does not have to



STAY UP NIGHTS

to keep his plants from freezing. He sleeps with perfect confidence that the boiler will take care of itself and provide the heat wanted. Where our boilers are known they are appreciated. Where they are not known it is safe to say money is wasted.



WE KNOW

that our statements are prejudiced because we are interested in selling our boilers. Do not believe them, but write for our catalogue and read the letters of florists who have used these boilers and who have written us the results accomplished. They are not prejudiced or interested.

For the purpose of introducing our boilers where they are not known, we will sell at . . . . .

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JADOO.

We have received from the American Jadoo Co., Philadelphia, a copy of their new catalogue, which is very neatly printed and handsomely illustrated with reproductions of photographs of plants grown in Jadoo fibre. It may be had on request by addressing the American Jadoo Co., 817 Fairmount Ave., Philadelphia, Pa.

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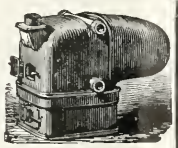

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ALSO HEATERS FOR SMALLER WORK.

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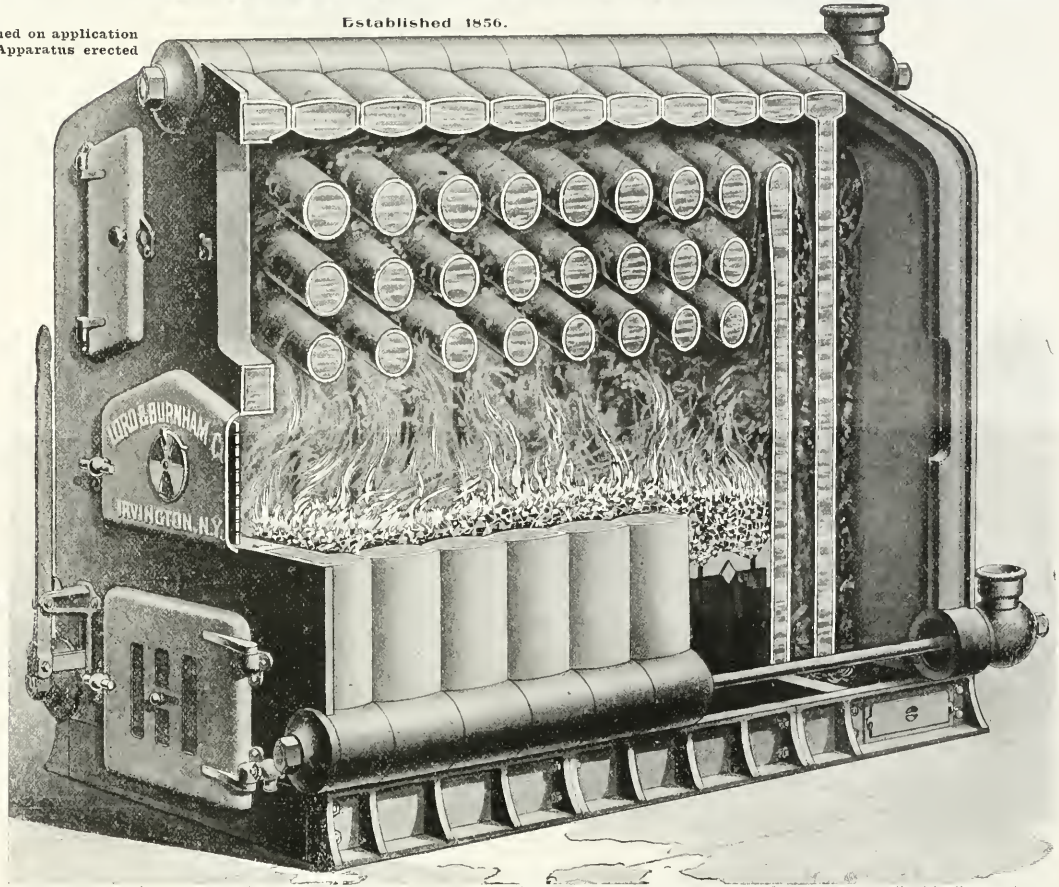

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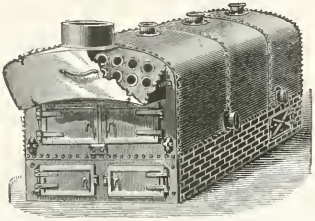

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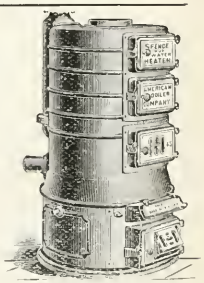

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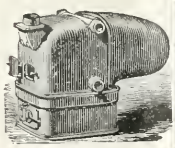

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THE WEEKLY
FLORISTS' REVIEW

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Vol. II. CHICAGO AND NEW YORK, NOVEMBER 24, 1898. No. 52.

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ROSES, CARNATIONS, VIOLETS, Chrysanthemums,

And All Other Seasonable Flowers.

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THE EXHIBITIONS.

AWARDS AT PHILADELPHIA.

CHRYSANTHEMUM PLANTS.

Two plants, two varieties, in not over 10-inch pots, nor with more than eight stakes—First, to Mutual Friend and Mrs. Emerson, of F. Wilbur Brown, gardener to G. B. Roberts; second, to Mutual Friend and Garden Queen, of Joseph Hurley, gardener to J. M. Rhodes; third, to H. Weeks and Viviand-Morel, of James McCleary, gardener to William Weightman, and to Lincoln and Garden Queen, of W. Robertson, gardener to J. W. Pepper.

Specimen plant, variety not disseminated prior to 1898, in 10-inch pot—First, W. Robertson; second, J. McCleary, both winning with Frank Hardy.

Twelve plants, showing one bloom each, 12 varieties, in 6-inch pots—First, W. Fowler, gardener to Mrs. Charles Wheeler; second, gardener to Mrs. Thomas A. Scott; third, J. Hurley.

Specimen plant, any color, 10-inch pot, not over eight stakes—First, John McCleary, for Georgiana Pitcher; second, Joseph Hurley, for Sam Weller.

Six plants, with single blooms, one variety, 6-inch pots—First, to F. Wilbur Brown, for Minerva; second, to W. Fowler, for Mrs. George Morgan; third, to John Mitchell, for Mrs. Henry Robinson.

Pembroke prize, for display of four Japanese in four colors and varieties—To Joseph Hurley, for Minerva, Garden Queen, Mutual Friend, and George W. Childs.

Record prize, for best three plants, yellow, in three varieties, 14-inch pots—To Joseph Hurley, for Major Bonnafon, Georgiana Pitcher, and Lincoln.

Clothier prize, for best three plants in three varieties introduced last year, 14-inch pots—To W. Robertson, for Defender, Sunstone, and Bonnie Dundee.

Specimen plant, Mrs. Frank Thomson, to J. McCleary.

Corkerhill prize, offered for best plant not disseminated, to be named Miss Annie Thomson—To Henry B. Surman, gardener to E. W. Clark, for an incurved Japanese of Daybreak color.

Emy-s-dell prize, for four plants in four named colors—To Joseph Hurley for Defender, Mrs. H. McK. Twombley, Golden Gate, and Ostrich Plume.

CHRYSANTHEMUM FLOWERS.

Sixty blooms, twelve distinct varieties, five blooms of each—First, Hugh Graham.

Twelve blooms, twelve distinct varieties—First, Hugh Graham; second, Henry G. Standen.

Six blooms, white, one variety—First, Hugh Graham; second, John N. May.

Six blooms, pink, one variety—First, Hugh Graham.

Six blooms, yellow, one variety, named—First and certificate of merit, John N. May for Yellow Mrs. Carnot; second, Hugh Graham.

Six blooms, crimson, one variety—First, John N. May.

Six blooms, any other color, one variety—First, Hugh Graham; second, Henry G. Standen.

Twelve sprays, Pompons, twelve distinct varieties—First, John N. May.

Twenty-five blooms, twenty-five distinct varieties—First, J. E. Krayer; second, William Robertson.

Twelve blooms, twelve distinct varieties—First, Robert G. Carey; second, Edward Jones.

Six blooms, white, one variety—First, William Robertson; second, John Mitchell.

Six blooms, pink, one variety—First, Wm. Robertson; second, Wm. Fowler.

Six blooms, yellow—First, Robert G. Carey; second, John Mitchell.

Six blooms, crimson—First, G. Wilbur Brown; second, John McCleary.

Six blooms, any other color—First, Robert G. Carey; second, G. Wilbur Brown.

Best American variety, never disseminated, six blooms, pink—First, American Rose Company, Washington, D. C.

Best American variety, never disseminated, six blooms, white—First, John N. May.

Best American variety, never disseminated, six blooms, yellow—First, John N. May.

Best American variety, any other color, never disseminated, six blooms—First, Ernest Schrieber.

Vase of twenty blooms, one variety, pink—First, Hugh Graham.

Vase of twenty blooms, one variety, white—First, Hugh Graham; second, Frank Leidy.

Vase of twenty blooms, one variety, yellow—First, Frank Leidy; second, Hugh Graham.

Vase of twenty blooms, one variety, any other color—First, American Rose Co.; second, Hugh Graham.

Vase of forty blooms, one variety, pink—First, Hugh Graham.

Vase of forty blooms, one variety, white—First, Hugh Graham; second, Henry G. Standen.

Vase of forty blooms, one variety, yellow—First, Hugh Graham.

Vase of forty blooms, one variety, any other color—First, Hugh Graham.

Three vases, twelve blooms each, one white, one yellow, one any other color, distinct varieties, named, long stems—First, Martin McTigue; second, Hugh Graham.

Vase of six blooms, Mrs. Frank Thomson, long stems—First, Hugh Graham; second, Michael Mitchell.

Vase of twelve blooms of Pennsylvania—Second to Edward Jones.

Vase of six blooms of Pennsylvania—

E. G. Uihlein's Display of Orchids at the Chicago Show.

First, Martin McTigue; second, William Robertson.

MISCELLANEOUS PLANTS.

Orchids, collection of plants in bloom and cut flowers—First premium and certificate of merit to Henry T. Clinkaberry.

Foliage plants, display of fifteen plants, in 10-inch pots—First, John Thatcher; second, John McCleary.

Foliage plant, one specimen, in 10-inch pot—First, John Thatcher; second, Francis Canning.

Palms, one pair—First, John H. Dodds; second, John Mitchell.

Palm, specimen plant—First, John Mitchell; second, John H. Dodds.

Ferns, display of twenty-five plants, twenty-five varieties—First, J. E. Kraver; second, John Thatcher; third, William Monteith.

Ferns, display of twelve plants, twelve varieties—First and certificate of merit for culture, Thomas Long, gardener to George W. Childs Drexel; second, Francis Canning; third, William Monteith.

Crotons, display of twelve plants, twelve varieties, in 10-inch pots—First, John A. Shellem; second, J. H. Jones.

Croton, specimen plant—First, John A. Shellem; second, Joseph Hurley; third, John Thatcher.

Dracaenas, display of six plants, six varieties—First, John Thatcher; second, John McCleary; certificate of merit for rare varieties, John A. Shellem.

Dracaena Sanderiana—First, William K. Harris.

Display of lycopodiums, selaginellas and ferns, arranged for effect—First, John Thatcher.

Begonias, six plants of Rex variety—First, James Campbell; second, Wm. Monteith.

Begonias, six plants of flowering varieties—First, John Thatcher; second, G. Wilbur Brown.

Asparagus Sprengeri, specimen plant—First, Jos. Hurley; second, John McCleary; third, Wm. Robertson.

Cyclamen, twelve plants, 8-inch pots—Third, Chas. W. Cox.

Carnations, twelve plants—Second, Francis Canning; third, Chas. Leisy.

Ouvirandra fenestralis—John Thatcher.

Orange (Otheite), six plants—Second, Wm. K. Harris.

Foliage and flowering plants, arranged for effect—First, John Hobson; second, Westcott's Laurel Hill Nurseries.

Geraniums, eight plants, in 10-inch pots—First, Jos. McGregor; third, John McCleary.

Fern Dishes, for table decoration—Jos. Kift & Son.

Window Box, with ornamental foliage plants, for house decoration—First, Jos. Kift & Son; second, John Thatcher.

SPECIAL PREMIUMS.

Gold medal, to Hugh Graham for the Court of Honor as a work of decorative art.

Silver medal, to Jos. Hurley for specimen of Nephrolepsis Bostoniensis.

Silver cup, to John Cullen for display of over 500 blooms of chrysanthemums.

To Mathew Bracken for grafted chrysanthemum plant showing blooms of seventeen distinct varieties.

To J. H. Jones for six large ferns showing meritorious culture and for plant of Araucaria compacta.

To John Thatcher for plant of Ixora Williamsii.

To Francis Canning for group of foliage plants.

To Philip H. Alburger for group of standard chrysanthemums.

To Robert Craig & Son for collection of crotons.

To Stoke Pogis nurseries for two specimens Araucarias and for a collection of evergreens.

To Penn Rock Company for splendid plant of the fern Polypodium aureum.

To H. A. Dreer for plant of Acalypha Sanderii.

To John Mitchell for a specimen fern.

To H. Waterer for patent jardiniere.

To Stephen Mortensen for vase of mignonette.

To E. A. Seidewitz for vase of the new chrysanthemum, John K. Shaw.

ROSES, CARNATIONS, VIOLETS.

In roses, Geo. Anderson was first on Kaiserin, Carnot and La France; Penn Rock Co., on Perles; Myers & Samtman, on Brides, Meteors and Bridesmaids; C. F. Krueger, on 12 blooms, any other variety, with Golden Gate, and 25 American Beauty; Joseph Heacock, on 6 American Beauty.

In carnations, Penn Rock Co., first for fifty light pink, with Victor; A. D. Hoag, for dark pink, with Triumph; C. F. Krueger, for white, with Alba Superba. For 6 blooms of American seedling, not disseminated, Peter Fisher, Ellis, Mass., with Mrs. Thos. Lawson. The Craig cup for 25 blooms of American seedling, not disseminated, was also won by Mrs. Thos. Lawson.

In violets, R. M. Eisenhart was first for Princess of Wales, Lady Campbell, Marie Louise and Luxonne.

FLORAL ARRANGEMENTS.

Mantel decoration—First, Jos. Kift & Son; second, Julius Wolf, Jr.

Plateau of ferns and foliage—First, David Cliffe.

Plateau of chrysanthemums—First, Julius Wolf, Jr.; second, John Kuhn.

Dinner table decoration—First, Hugh Graham; second, Pennock Bros.; third, Joseph Kift & Son.

Handle basket of flowers—First, Wm. Rieder; second, Julius Wolf, Jr.

SPECIAL.

Certificates of Merit—To Ernst Asmus and to Robert Scott, for the new rose Liberty.

Special Mention—To A. M. Herr, Lancaster, for exhibit of ten California varieties of carnation; to Dailledouze Bros., Flatbush, for the new seedling carnation, J. Whitcomb Riley; to Robert Craig & Son, for exhibit of eight varieties carnations, and to American Rose Company, Washington, for exhibit of new and not disseminated carnations.

There was a very interesting display of vegetables.

AWARDS AT ST. LOUIS.

CHRYSANTHEMUM PLANTS.

Single specimen, white—First, Chas. Beyer; second, C. Young & Sons Co.; third, F. J. Fillmore.

Single specimen, yellow—First, A. Meyer; second, C. Young & Sons Co.; third, F. J. Fillmore.

Single specimen, pink—First, C. Beyer; second, C. Young & Sons Co.

Single specimen, any other color—First, C. Young & Sons Co.; second, A. Meyer; third, C. Beyer.

Ten specimen plants, not less than five varieties grown in not over 10-inch pots—First, W. Schray; second, C. Beyer; third, C. Young & Sons Co; fourth, C. C. Sanders.

Five specimen plants, in five varieties, grown in not over 10-inch pots—First, Chas. Beyer; second, C. Young & Sons; third, A. Meyer; fourth, C. C. Sanders.

Specimen plant not disbudded, not tied, and with no artificial support—First, Max Herzog; second, F. J. Fillmore; third, Geo. B. Windler.

Specimen plant, grown with twelve flowers — First, C. Young & Sons; second, W. Schray; third, G. B. Windler.

Three plants, yellow, pink and white (Sec. 9)—First, Chas. Beyer; second, C. Young & Sons.

Three plants, white, pink and yellow (Sec. 10)—First, W. Schray; second, A. Meyer.

Four plants, two white, two yellow—First, G. B. Windler; second, C. Young & Sons.

Three specimen plants, any color (Sec. 12)—First, Wm. Schray; second C. Young & Sons.

Three specimen plants, different colors—First, W. Schray; second, C. Young & Sons.

Three plants, yellow, white and pink (Sec. 14)—First, W. Schray; second, A. Meyer.

Three plants, pink, yellow and white (Sec. 15)—First, A. Meyer; second, Wm. Schray.

Three specimen plants, any color—First, C. Young & Sons; second, W. Schray.

Three specimen plants, assorted colors—First, C. Young & Sons; second, W. Schray.

Three specimen plants, three colors—First, W. Schray; second, C. Young & Sons.

Four plants, four varieties—First, A. Meyer; second, C. Young & Sons.

Three plants, white, yellow and pink (Sec. 20)—First, Wm. Schray; second, A. Meyer.

Four plants, two white and two yellow (Sec. 21)—First, W. Schray; second, C. Young & Sons.

Four plants, two yellow and two white (Sec. 22)—1st, W. Schray; second, C. Young & Sons.

Best three plants, white, yellow and pink (Sec. 23)—First, W. Schray; second, C. Young & Sons.

Single specimen standard plant, white—First, F. J. Fillmore; second, W. Schray; third, C. C. Sanders.

Single specimen plant, yellow—First, F. J. Fillmore; second, W. Schray; third, J. Koenig, Jr.

Single specimen plant, pink—First, Wm. Schray; second, Gus Eggeling; third, J. Koenig, Jr.

Single specimen plant, any other color—First, W. Schray; second, A. Meyer; third, J. Koenig, Jr.

Three specimen plants, white, yellow and pink—First, Wm. Schray; second, C. C. Sanders.

Three specimen plants, any color—First, Wm. Schray.

Grown to one flower in not over 5-inch pots—Fifty plants, one or more varieties —First, A. Meyer; second, C. Young & Sons; third, F. J. Fillmore.

Twenty-five plants, white, one variety—First, C. C. Sanders; second, C. Young & Sons; third, W. Schray.

Twenty-five plants, pink, one variety—First, Chas. Beyer; second, A. Meyer.

Twenty-five plants, yellow—First, A. Meyer; second, C. Young & Sons; third, F. J. Fillmore.

Best 24 plants, assorted varieties—First, C. Young & Sons; second, F. J. Fillmore.

Best 50 plants, assorted colors—First, W. Schray; second, C. Young & Sons.

Best 24 plants, 8 white, 8 yellow and 8 pink (Sec. 7)—First, C. C. Sanders; second, W. Schray.

Best 24 plants, 8 white, 8 yellow and 8 pink (Sec. 8)—First, W. Schray.

Best 20 plants—First, C. Young & Sons; second, C. C. Sanders.

Best arranged group chrysanthemum plants, to cover 50 square feet—First, Chas. Beyer; second, C. C. Sanders.

Best arranged group chrysanthemum plants, to cover 100 square feet (Sec. 24)—First, W. Schray; second, C. Beyer; third, A. Meyer.

Best arranged group chrysanthemum plants, to cover 100 square feet—First, Chas. Beyer; second, C. Young & Sons; third, J. Koenig, Jr.

Best arranged group chrysanthemum plants, to cover 25 square feet—First, G. B. Windler; second, C. Beyer.

SHAW PREMIUMS.

Collection named palms—First, W. Schray; second, C. Beyer; third, Michel Plant & Bulb Co.

Collection named begonias—First, Mi-

View on the Upper Floor at the Chicago Show.

chel P. & B. Co.; second, W. Schray; third, C. Young & Sons.

Collection named ferns—First, Michel P. & B. Co.; second, W. Schray; third, W. E. Jordan.

Largest and best collection named foliage plants, variegated leaves—First, Michel P. & B. Co.; second, W. Schray; third, C. Beyer.

Collection of 25 blooming plants for house decoration, exclusive of chrysanthemums—First, W. Schray; second, C. Young & Sons; third, Michel P. & B. Co.

Twelve varieties named geraniums in bloom—First, C. Young & Sons Co; second, Michel P. & B. Co.; third, Wm. Schray.

Most tastefully arranged fernery, filled with growing plants—First, W. Schray; second, W. E. Jordan; third, Michel P. & B. Co.

Six named climbing plants, not more than two of any one variety—First, C. Young & Sons; second, W. Schray; third, Michel P. & B. Co.

Two Asparagus Sprengerii—First, W. E. Jordan; second, W. Schray; third, Michel P. & B. Co.

Two hanging baskets—First, Chas. Beyer; second, Michel P. & B. Co.; third, W. Schray.

Specimen Araucaria—First, W. Schray; second, F. J. Fillmore; third, Michel P. & B. Co.

Specimen Areca lutescens—First, Chas. Beyer; second, W. Schray; third, C. C. Sanders.

Specimen Howea Belmoreana—First, W. Schray; second, C. Beyer; third, W. E. Jordan.

Specimen Howea Forstereana—First, W. Schray; second, C. Beyer; third, W. E. Jordan.

Specimen Livistona chinensis—First, C. Beyer; second, W. Schray; third, C. Young & Sons.

Specimen Pandanus utilis—First, Chas. Beyer; second, C. Juengel; third, C. C. Sanders.

Best decorative plant, other than the above—First, W. Schray; second, C. Beyer; third, W. E. Jordan.

Premiums for herbaria—First, Chas. Desmore; second, Dean Lockwood.

CUT BLOOMS.

Forty-eight chrysanthemum blooms, 8 sorts, 6 in each vase—First, E. G. Hill & Co.; second, Michel Plant & Bulb Co.; third, Gus Eggeling.

Twenty-five blooms, white, one variety—First, West End Floral Co.; second, W. E. Jordan; third, H. Weber & Son, Oakland, Md.

Twenty-five blooms, yellow—First, E. G. Hill & Co.; second, W. A. Chalfant, Springfield, Mo.; third, W. E. Jordan.

Twenty-five blooms, pink—First, E. G. Hill & Co.; second, West End Floral Co.; third, W. E. Jordan.

Vase of 25 blooms, assorted colors—First, C. Young & Sons; second, H. Weber & Son.

Vase of 24 blooms, three varieties—First, E. G. Hill & Co.; second, H. Weber & Son.

Vase of 50 blooms, quality and arrangement equally considered—First, W. Schray; second, E. G. Hill & Co.

Vase of 25 blooms, yellow—First, Michel P. & B. Co.; second, W. A. Chalfant; third, E. G. Hill & Co.

Vase of cut blooms, white—First, Nathan Smith & Son; second, Michel P. & B. Co.

Twelve blooms Golden Wedding—First, Michel P. & B. Co.; second, E. G. Hill & Co.; third, C. C. Sanders.

Vase of 50 blooms, quality and arrangement equally considered—First, Nathan Smith & Son; second, W. Schray, third, E. G. Hill & Co.

Vase of 24 blooms, 12 white and 12 yellow—First, Michel P. & B. Co.; second, Nathan Smith & Son.

Vase of 50 cut blooms, quality and arrangement equally considered—First, E. G. Hill & Co.; second, N. Smith & Son.

Vase of cut blooms, yellow—First, Michel Plant & Bulb Co.; second, W. A. Chalfant.

Vase of assorted blooms—First, E. G. Hill & Co.; second, N. Smith & Son.

Twelve blooms Major Bonnaffon—First, E. G. Hill & Co.; second, W. J. & M. S. Vesey.

Vase of 50 blooms—First, W. Schray; second, N. Smith & Son; third, W. J. & M. S. Vesey.

Twelve blooms, The Queen—First, Michel Plant & Bulb Co.; second, N. Smith & Son; third, W. E. Jordan.

Twelve blooms Major Bonnaffon—First, W. A. Chalfant; second, W. J. and M. S. Vesey; third, Wm. Fillmore, Marion, Ind.

Twelve blooms, any other yellow variety—First, Max Herzog, with Golden Wedding; second, Michel P. & B. Co., with Golden Wedding; third, H. Weber & Son, with Modesto.

Twelve blooms, any other white variety—First, W. J. & M. S. Vesey, with Frank Hardy; second, E. G. Hill & Co., with Louie Faure; third, H. Weber & Son, with Niveus.

Twelve blooms, any pink variety—First, Michel, with Portia; second, W. J. & M. S. Vesey, with Mrs. Perrin; third, H. Tillman, with V. Morel.

Twelve blooms of any variety introduced in 1896, 1897, 1898—First, W. J. & M. S. Vesey, with Autumn Glory; second, H. Weber & Son, with C. H. Peirce; third, N. Smith & Son, with Western King.

Twenty-five cut roses, Souvenir De Wootton—First, Ellison & Tesson; second, C. Young & Sons; third, F. J. Fillmore.

Twenty-five Bridesmaids—First, W. J. & M. S. Vesey, Fort Wayne, Ind.; second, F. J. Fillmore; third, Ellison & Tesson.

Twenty-five Perles — First, J. F. Ammann; second, C. Young & Sons; third, F. J. Fillmore.

Ten American Beauty—First, Ellison & Tesson; second, C. Young & Sons.

Twenty-five Bride—First, W. J. & M. S. Vesey; second, J. F. Ammann; third, F. J. Fillmore.

Twenty-five Meteor—First, W. J. & M. S. Vesey; second, C. Young & Sons; third, J. F. Ammann.

Vase of 18 American Beauty roses—First, C. Young & Sons; second, Ellison & Tesson.

Vase of 18 American Beauties (Sec. 14)—First, Ellison & Tesson.

Vase of pink roses, any kind—First, Ellison & Tesson; second, C. Young & Sons.

Twenty-five Kaiserin—First, Ellison & Tesson; second, W. E. Jordan.

Twenty-five American Beauty (Sec. 11)—First, C. Young & Sons Co.; second, Ellison & Tesson.

Vase of Bridesmaids, not more than 50 blooms—First, W. J. & M. S. Vesey; second, Ellison & Tesson.

Twenty-five American Beauty (Sec. 15)—First, Ellison & Tesson; second, C. Young & Sons Co.

Twenty-five La France — First, C. Young & Sons Co.

Twenty-five President Carnot—First, Ellison & Tesson.

Four vases cut roses, 15 of a kind, American Beauty and American Belle excepted—First, W. J. & M. S. Vesey; second, Ellison & Tesson; third, F. J. Fillmore.

Twenty-five American Beauty roses (Sec. 17)—First, Ellison & Tesson.

Vase of 40 Jubilee Carnations—First, W. J. & M. S. Vesey.

Best 50 Wm. Scott—First, W. J. & M. S. Vesey; second, W. Dunford; third, H. G. Ude.

Vase of Daybreak, not more than 50—First, W. J. & M. S. Vesey; second, H. G. Ude.

Vase of 100 Wm. Scott—First, W. J. & M. S. Vesey; second, W. Dunford.

Best 50 Daybreak—First, Vesey; second, Ude; third, Fillmore.

Vase of 100 blooms, one or more varieties—First, H. Weber & Son; second, J. W. Dunford.

Vase of yellow—First, H. Weber & Son; second, H. F. W. Aue.

Vase of 100 white carnations, Planters' House Cup—First, H. Weber & Son, with Flora Hill.

Vase of 50 white carnations—First, W. J. & M. S. Vesey; second, E. F. Overmann, Wabash, Ind.; third, F. J. Fillmore.

Vase of 50 pink, any other variety not mentioned—First, W. J. & M. S. Vesey; second, H. F. W. Aue; third, E. F. Overmann.

Vase of 50 red, any other variety not mentioned—First, H. Weber & Son; second, W. J. & M. S. Vesey.

Best box of cut flowers—First, Ellison & Tesson.

Two hundred single violets—First, Ellison & Tesson; second, H. G. Ude; third, C. C. Sanders.

One hundred double violets—First, Ellison & Tesson; second, F. Richter.

MISCELLANEOUS.

In all the palm classes Chas. Beyer carried off the honors.

In carnation plants in bloom, not more than five of one kind, F. J. Fillmore, first; J. H. Dunford, second; W. Schray, third.

For design representing Wabash R. R. trade mark, also M. & O. R. R. trade mark, C. Young & Sons Co. were first in both classes; Jordan Flo. Co. and F. Meinhardt, second, respectively; Ellison & Tesson third in both instances.

Table decoration—First, Ellison & Tesson; second, C. Young & Sons Co.

J. J. B.

SYRACUSE, N. Y.

The Syracuse flower show closed Saturday night, the 12th, and was in every way a grand success, and after paying all expenses we will have a nice little balance to our credit. Society folks were there in force; 10 boxes were sold in the gallery at $10 a box. The stage was utilized for an entertainment and dancing, the orchestra being placed in the center of the large hall on a raised platform and completely hidden from view by palms and foliage plants. At each side of the entrance to platform was a banana plant, one of them in fruit. These plants were surrounded by palms, foliage plants and single stemmed chrysanthemum plants. In connection was a fruit exhibit of native and tropical fruits and an exhibit of native ferns of Onon. Co.

The exhibit was all of excellent character, fine specimen plants, grand blooms and the single stem plants were all that could be desired. Mr. C. E. Hunn of Geneva experiment station, made a splendid exhibit of 32 varieties of chrysanthemum cut blooms not for competition, and they were grand blooms, a few of the most noticeable being Pennsylvania, Mme. Carnot, Autumn Glory, Rustique, Ophir, Gladys Vanderbilt. The society feels greatly indebted to Prof. Hunn.

Our old friend, Grove Rawson, was on hand with a splendid exhibit, and his floral design was a masterpiece. He was assisted in the judging by C. E. Hunn and our Supt. Thos. Bishop (park superintendent of Syracuse), and the duties were performed to the entire satisfaction of all. The Central New York Hort. Society are greatly indebted to Grove Rawson.

Nathan Smith & Son, of Adrian, Mich., sent 6 blooms each of 3 white seedlings to compete for the bicycle prize. "The White Flyer" and his No. 18, a grand pure white reflexed bloom, captured the prize, and No. 18 will be heard from later under the name of white flyer.

Meneilly & Son were awarded the $20 special for 12 blooms of the best Salmon pink reflexed Jap. variety with Autumn Glory. Our secretary, David Campbell, was awarded the silver vase for the finest exhibit. Mr. Campbell is superintendent of Maj. Alex Davis' place "Thornden," one of the finest places in the state, and he exhibited besides chrysanthemums, palms and foliage plants, many rare specimens that it would be difficult to duplicate. To him we were indebted for the display of orchids and for the banana plants.

Mr. John Dunlop, of Toronto, sent a vase of a very beautiful rose, Lady Dorothea, a sport of Sunset, that was much admired.

Mr. L. E. Marquisee, the florist, outdid himself with a fine collection of bush plants and blooms of chrysanthemums. His vase of American Beauty roses may be equaled, but can never be excelled. His carnation exhibit was large and fine and his vase of pink seedling carnations which received a certificate of merit will, I believe, be heard from later.

There were 2 vases of Jeannie Falconer (Syn. Peter Kay), chrysanthemums to compete for the prize offered by Peter Kay, the originator, and Marquisee's vase won.

The finest vase of blooms in the exhibition was 12 grand blooms of Golden Wedding by Marquisee. Golden Wedding was very much in evidence in all collections. Another magnificent vase shown by Marquisee was 12 blooms of Adelaide White.

The amateurs showed up well, one of them capturing first for 24 blooms, 24 varieties in the free-for-all class, with 24 grand blooms, and tying Marquisee on largest bloom on exhibition, Marquisee showing Golden Wedding, and Phillips a Mrs. Geo. West, both whoppers. The judges could find no difference in size and so the prize was divided and the blooms presented to our Congressman-elect, M. Driscoll.

Meneilly & Son got first for largest specimen plant with Georgiana Pitcher.

An attractive feature of the show was 4 finely decorated booths, one at each corner of the hall, for the sale of flowers and plants. They were managed by Peter Kay, Marquisee, Meneilly & Son, and Bannister Bros.

Conspicuous in Prof. Hunn's exhibit was some grand blooms marked 12-1895-P. & M., a pure white solid incurved bloom, with good stem and foliage to the bloom. It can be described as a white Maj. Bonnaffon, only larger. J. N. May controls the stock.

Taken all in all this is the finest and most successful show Syracuse has ever seen and we feel elated that the dear public has at last shown their appreciation by their presence and support.

C. A. PHILLIPS.

NEW BEDFORD, MASS.

This exhibition was open to professional gardeners, florists and amateurs, the latter showing a greater interest than in previous years. The plants and flowers shown this year were more than 100 per cent. better than last year. Bush plants shown by Mr. Keith, gardener to T. M. Stetson, and James Garthley, gardener to H. H. Rogers, were considered the finest ever shown here. Mr. Keith won the silver cup given by Mr. Thomas J. Grey, of Boston, for the six best bush plants.

Another feature of the exhibition was a seedling shown by Mr. John W. Frazier, of the Maud Dean type, habit similar to Maud Dean, being clothed with fine foliage, stout stem and almost identical in shape of flower and size of petals, fine full center; color a good buff, inside of petals shading to bronze; it is one of the finest seedlings ever raised around here and likely to become one of the leading exhibition varieties. Another seedling was shown by Mr. C. J. Wood, of Beach Bluff, Mass., the color white, shading to pink as the flower develops, strong stem, well clothed with foliage.

In chrysanthemum plants William Keith was first for group, for one Chinese, specimen red, six distinct varieties and 4 single flowered Japanese; James Garthley for 3 Japanese bush plants, specimen yellow, specimen pink, specimen white and 12 single flowered plants in variety; M. McCarthy for specimen standard.

In cut flowers James Garthley was first for 24, 12 and 6 Japanese varieties, vase of yellow and basket of flowers arranged for effect; John Allen for vase of white and vase of pink.

In chrysanthemum plants for florists only Samuel S. Peckham was first for 6 Japanese and single specimen. In

cut flowers for florists only John Allen was first for 12 Japanese and S. S. Peckham for 6 Japanese.

In chrysanthemum plants for amateurs only John W. Frazier was first for 6 single flowered and M. McCarthy for 3 of same. In cut flowers for amateurs Mr. Frazier was first for 6 Japanese and 3 of same.

In miscellaneous plants Wm. Keith was first for 6 foliage plants, 6 ferns, specimen stove plant, specimen fern, banana in fruit and specimen lycopodium; C. H. Waite for 6 cacti and specimen cycas; Peter Priault for 6 pots violets and one pot same; A. J. Fish for 3 begonias and one Rex begonia; James Garthley for specimen palm and specimen rubber plant.

In miscellaneous plants for florists only C. H. Waite was first for 3 palms and 3 cacti; Jahn Bros. for 3 ferns; S. S. Peckham for 6 carnations; Peter Priault for 3 pots violets.

S. S. Peckham was first for best booth display, and Jahn Bros. for best booth display of palms and ferns.

Diplomas were awarded to Samuel S. Peckham, Robert Woodhouse and Jahn Bros., also to all amateurs exhibiting worthy plants, over seventy being awarded.

Out of town visitors and exhibitors were Robert Laurie and John Allen of Newport, James Farquhar and Thos. J. Grey of Boston, C. J. Wood of Beach Bluff, Mass., and Samuel Burns of New York.

OTHER EXHIBITIONS.

A number of other exhibition reports are unavoidably laid over till next week.

ROSE NOTES.

Thanksgiving day will be a thing of the past when these notes reach the reader. Our chief concern will now be how to get a full crop of roses for the coming holidays. It seems rather unfortunate that Thanksgiving day and Christmas should follow one another so closely, hardly allowing time enough for the plants to catch their second wind, before they are again called upon for another large supply of flowers. The high prices obtained during this brief period are quite an inducement to be in the market with a full crop of roses to meet the demand.

For the next few weeks, unless all previous signs fail, we will have to get along with very little sunshine. Artificial means must supply the conditions most favorable to the continual welfare of our plants. Cleanliness, above all things, should be insisted upon. No matter how well the plants have been growing, they will need going over regularly; here and there a few yellow leaves will appear, which should be picked off at once. Don't wait until they fall on the soil before removing them. New shoots will be breaking out in all directions, keep right after them, tying them into shape, which not only adds to the appearance of the plants, but also insures good, erect stems for the next crop of flowers. As the buds begin to form, much lateral growth will appear on the stems, which robs the young bud of its intended nourishment. This growth should be carefully rubbed out for at least five or six eyes below the buds, thus giving the bud a better chance for development, and aiding materially in the length and strength of the stem.

Good judgment will be necessary in watering and syringing during this uncertain weather. Some growers make it a rule to syringe their roses every day unmindful of the weather, relying on artificial heat to dry them off. This may do for a while, but I have heard these same growers complain about having so much blind wood on their plants during a prolonged spell of cloudy weather, which can only be accounted for by this over-abundance of moisture. A safer plan will be to syringe and water well on every bright day, and while it may be necessary to syringe even on cloudy days during times of heavy firing, you will find it advisable to defer syringing for a day or even two or three days, confining yourself to wetting down the walks and under the benches, at the same time watering up the dry places on the benches, as they appear from time to time. Treated in this way, you will not incite your plants into a premature soft growth, which can only result in an inferior grade of stock, besides producing blind growth in abundance. —What about red spider? the reader will ask. Of this I will treat in a separate article, in the near future.

Greenfly is a troublesome fellow during these cloudy days. This means, don't neglect your fumigating. Attend to it every week. It may even be necessary to keep it up twice a week for a while, but be sure and don't get it too strong. Light applications, attended to regularly, are safest and very effective. S. A. B.

Mignonette.

If you are growing mignonette for Easter to sell in pots, be sure and don't force it; give it the ligntest and coolest house you have. Heat will only draw it up and spoil it; 40 degrees at night is right, and let no shoots run up to flower. Mine are in 3-inch pots at present and will do in those for another month. My idea is to give them a 4-inch about the turn of the year, and end of February a 5-inch. This seems a good deal of shifting, but is necessary, for the mignonette is a strong rooter, and unless kept replenished with some new feeding material it soon gets yellow-leafed, and then its beauty is gone.

Cytisus.

I will just mention to those who grow this popular Easter plant that it wants some attention this time of year. As a good keeping house plant it is a perfect fraud, but, as the late P. T. Barnum said, "the American people liked to be humbugged," so they are humbugged by the cytisus (often called genista). Its color is attractive and it sells at a good profit to the market peddler, whose customers expect nothing from his recommendations further than his voice can reach, and return to him the next week, having forgotten the fraud which, if perpetrated at a reputable greenhouse, would be a mortal offense. I am paid for cultural points and not philosophy, so if, reader, I stray, it is merely to remark that your young plants of cytisus must be handled properly. What an obsolete remark this word is. What was proper forty years ago is now obsolete. In "cutting, pinching or shearing them back," you need not shear them as a shepherd does his sheep, taking off all their beauty, but just cut off the budding growths. About the end of January give them a close clipping, and that will give them time to make a growth and flowering inclination. This is one of the few plants so easily grown, so easily flowered that it is likely to appear in our public markets for years to come. When men talk of cattleyas, it's all very well, but what the people want nowadays is something cheap and popular, as it is in Hoyt's plays. They may be little better than a vaudeville show, but the bright witticisms in them make them popular, so a

bright color in a flower sells it, even if it is not going to last more than 36 hours. It "goes," and that is what is known as "intense Americanism."

Spiraea.

I have occasionally heard of small failures in Spiraea Japonica. I like to call it spiraea because I believe it is, and for another reason: When forty years ago I knew this pretty herbaceous plant, it was little grown in Europe, and in this wild country not at all. Now, from forty years ago it has risen from a choice plant cultivated only by the specialist to be the most common of our Easter plants, in fact so cheap that I have heard that some of the Dutch ships take the spiraea for ballast. It is scarcely worth penning any words about it.

When received, don't keep them in the original packages. Put them in boxes and cover the crowns with an inch or two inches of any material you have at hand; old hot bed or loam or anything that you have will do, and let them get the benefit of the elements, which is natural to them, till you want to pot them and begin to force, which is quite early enough if you begin January 15.

WM. SCOTT.

Plants for the home will demand much of our attention this time; our wealthy customers are returning to their city residences and want plants in the house at once. What have we to recommend? Well, the plant business is a most peculiar one. If we have the good fortune to own a greenhouse in connection with our store, then we can offer a good stock of a large variety of plants we have picked up at bargains among the growers, but if we haven't the greenhouse, then the plant business is a costly one, for we can only have by us the few varieties that will withstand our dark stores and rough usage; and it requires a large amount of money to buy a stock of plants, particularly those of specimen quality. Large palms are scarce and the growers are realizing tremendous prices for them, consequently we must be careful not to loan such plants unless we are satisfied that we will get a fair return for them.

First of all, we require a variety of plants, and let us visit the grower and see what he's got. Here's a lot of tall arecas and kentias, they have not much body to them, having been grown closely together; we'll take one or two of each and some smaller plants and will make them up into larger pots. Here's a lot of Boston fern, they are fine, some of them are in pans, others are in pots—we'll buy the ones in pans, for those in pots will not last half so long. The Boston fern loves a pan (surely growers should know this). Asparagus Sprengeri makes a lovely hanging basket and we had better take a few for that purpose; some of those Livistona rotundifolias and latanias, a Pandanus Veitchii just for its color, and for the same reason a few dracaenas. Phoenix? Of course we'll take some, for they are strong and hardy. Ficus? Yes, please, we prefer the bush ones, they look more like plants. Ivy? Yes, and don't take those newly potted, for they turn yellow if allowed to dry, which they are sure to if some of our customers get them. A few hardy ferns will go all right, we might need them, and some Cocos Weddeliana, some miniature kentias and arecas, and don't forget Selaginella Emiliana.

Now we get our stock to the store and having arranged them to show their best qualities, prepare for our customers, who consist of all manner and varieties of human nature. If it is at all possible sell your plants outright, but if you cannot, then charge a fair price and one that will cover the money you invested. Most people love plants but few appreciate them at their full value.

Mrs. Society, the wife of the millionaire, has a small conservatory at her city house and wants it filled with fine plants. Wants us to fill it handsomely and keep it in good condition, and stipulates that some flowering plants should always be there—and please send her an estimate. That estimate is the snag we meet in our business, for whilst the customer may not intend to take her trade anywhere else, still she writes the same letter to several florists, merely to see if you are robbing her; the consciousness of this makes us pare our prices down far below what they should be, for we consider her cut flower trade is worth considerable, and one or two of her decorations may give us a chance to make our account balance.

Mrs. So-and-So wants to rent a palm, a very handsome, tall one for her reception room, but it must not cost much—here is where we are expected to buy a $50.00 kentia and loan it and care for it for a few dollars a month, perhaps at the end of a month she wants it returned, it comes back minus a leaf or two and is ruined from a salable point of view. Mrs. Smartee, who is a great shopper and never buys anything until she goes the round of the city, will come to you and criticise each plant as you place it before her, and often comes at your busiest time and when your best customer is in the store. Well, we've got to tolerate this kind of person because her tongue is a strong one.

We have lots of good stories to relate in regard to the plant trade, but of course you know many of them from your own experiences. The plant trade is at all times amusing and vexatious, most of all expensive, and still a good one; it requires keen judgment and critical knowledge. A poorly grown, cheap plant is dear at any price, and the retailer will do well to be very circumspect on what he buys from the auctioneer. If you have a plant trade, employ a good, practical plantsman to attend to it, and educate your customers on the best methods of caring for plants; this is best done by having a small treatise printed, and give one to every purchaser of plants. IVERA.

ATTENTION! S. A. F.

Owing to numerous complaints regarding delays in passing plants through the New York custom house, the New York Florists' Club, by resolution passed at their last meeting, referred the whole matter to the Legislative Committee of the S. A. F. The committee desires that all florists who have suffered by unnecessary delays in passing goods through the New York custom house, or whose invoices have been raised beyond purchase price, shall communicate the facts in writing at once to the chairman of the committee, Patrick O'Mara, 35 and 37 Cortlandt street, New York City.

LOUISVILLE, KY.

The firm of Nanz & Neuner had an elegant mum show on Nov. 10, 11 and 12, that was well attended. Their store was tastefully decorated with plants and cut mums, and there were visitors from all over the state of Kentucky. S.

THE FLORISTS' REVIEW

G. L. GRANT, EDITOR AND MANAGER.

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CHICAGO.

The Market.

The supply seems to have shortened all around and at time of writing prospects are for a shortage for Thanksgiving trade. Prices have stiffened remarkably and unless there should be stock to drop on the market at the last moment quoted rates will be sharply maintained, and Thanksgiving prices will undoubtedly prevail until the end of the week.

Chrysanthemums are about cut out, though there will be a fair supply for Thanksgiving.

Club Meeting.

At the meeting of the Florists' Club last Friday evening three new members were elected. The banquet committee reported progress and will make a full report at the next meeting. The president appointed the finance committee for the ensuing year. It was reported that 88 out of town florists inscribed their names and addresses in the club's register at the recent exhibition.

Mr. Wm. Wallace showed the members his plan of preventing the appearance of mildew and other fungi in greenhouses and of destroying them when they do appear. It resembles an oil stove with an evaporating pan attached. In the pan he places a powder of his own composition and the gases generated are fatal to the germs of mildew and other fungi floating in the atmosphere. He says two of the ingredients of the powder are carbon and sulphur. The gases generated are heavier than the atmosphere and a house can be filled with them with the ventilators open if desired. He put the apparatus into operation and the odor was not specially unpleasant. Prevention rather than cure is the order of the day and if the gases generated are as fatal to all fungous germs as reported by those who have used Mr. Wallace's powder and apparatus, we need have no further fear of fungous troubles under glass.

James Hartshorne displayed a vase of grand chrysanthemum flowers, a bloom of W. H. Chadwick being a revelation as to the future ahead of this variety. It certainly is a grand thing as grown by Mr. Hartshorne. Other blooms shown were La Colosse Grenoble, Lucy Faure, Golden Wedding, Modesto, Philadelphia, Pennsylvania, Chito and Kentucky. All were much superior to blooms of the same varieties seen at the exhibition.

Various Items.

Adam Zender and John Muno are both receiving congratulations, the first over the arrival of a boy and the second over the advent of a girl.

And it is not too late to congratulate Mr. N. Wietor upon the boy that came to his house six weeks ago.

Mr. E. E. Pieser, of Kennicott Bros. Co., says the chrysanthemum growers would do well to confine themselves to Ivory, Jones, and Bonnaffon. These sorts sell best and ship well. He doesn't believe it worth while to grow any pink sorts. He finds them very slow sale.

Mr. A. J. Jewett, Sparta, Wis., was a recent visitor.

J. Austin Shaw is still at 114 Wabash ave., and has adopted the title "Jubilee Palm Store."

Bowling.

Following are the scores and averages made by the Bowling Club last Friday evening:

	1st.	2nd.	3d.	Av.
J. S. Wilson	162	170	140	157
G. L. Grant	188	145	123	152
E. F. Winterson	114	149	177	146
W. Kreitling	166	149	125	146
G. Stollery	114	142	163	139
J. Degnan	124	132	147	134
C. W. McKellar	110	166	111	129
A. Henderson	127	139	104	123
A. Lange	104	125	...	114
J. Hartshorne	113	100	...	106

Quite a number of others played an informal game on an adjoining alley, those making over 100 being F. Stollery 155, F. Hills 121, E. Buettner 110.

ST. LOUIS.

The Market.

Trade is assuming once more a normal aspect. Chrysanthemum blooms are abundant and better this week than last; will be quite a factor for Thanksgiving day trade.

Roses are coming to this market in quality greatly improved and plenty of them. In local retail circles trade has been good with the call for Beauties and violets. Beauties are very scarce just now and the few long-stemmed ones that come in are sold at once, at from $2 to $3 per dozen; Brides and Maids, extra fine stock, $4 and $5 per 100. Meteors have been decidedly off color of late, the best bringing $5 and $6. Perles are selling better, some fine stock is sold at $3 and $4, but the bulk at $2.

Carnations have a good call but have been scarce for the past two weeks, though are now coming in more plentiful. Harrisii, Romans and paper Whites have not as yet made their appearance. Violets are of fine quality and are improving daily. The small single sell at 20 and Californias at 40 cents. Valley seems to hold its own at $4 and quite a lot of it was used last week.

Wholesale men claim that shipping trade was fairly active the past week, materially assisting in cleaning up the daily receipts and that some heavy shipping orders have been placed for Thanksgiving Day. There was a brisk demand for orchids (cattleyas) for the several large weddings which took place last week.

Notes.

The Ayres Floral Co. expect to be in their new quarters on Thanksgiving. Mrs. Ayres returned this week from a two weeks' visit East, buying plants and supplies. The new place will undoubtedly be an ornament to Grand avenue.

Alex Waldbart, for many years doing business on Grand avenue and Chestnut street, is now located at 605 Washington avenue, under the Lindell hotel.

The Kernes-McKenna wedding, one of the most fashionable of the season, was furnished by Ostertag Bros. Chas. Schoenle had the table decorations.

John W. Kunz was greatly missed during the show and many friends inquired after him. John is greatly improved in health, and from last report will eat Thanksgiving turkey with us this week.

The gentlemen who acted as judges during the five days of our show were as follows: Julius Koenig, Sr., Eugene Wurst, A. E. Michel, A. F. J. Baur, on plants; Julius Koenig, Jr., Frank Fillmore, cut chrysanthemums; Andrew Meyer, F. W. Ude, Jr., Henry Emundt, cut roses and carnations; Henry and Fred Ostertag, table decorations; Alex Waibart, and Max Herzog, designs. They all gave eminent satisfaction and only on one or two occasions were they criticised by disappointed exhibitors, but their honesty of purpose was never questioned. The management wishes to thank them through The Review for the manner in which they carried out the instructions.

Shaw Banquet.

The ninth annual banquet of the florists by the Missouri Botanical Garden, under the provisions of the Henry Shaw will, took place at the Mercantile Club Saturday night and was a most elaborate affair. The large dining hall as well as the tables were tastefully decorated for the occasion.

Wm. Trelease, director of Shaw's Garden, presided and Dr. Ed. Engler acted as toastmaster. The topic of the evening was teaching horticulture in the public schools. The following speakers took part in the discussion: John R. Kirk, superintendent of public instruction; G. B. Lamm, of Sedalia; L. A. Goodman, Secy. State Horticulture Society; W. S. Jackson, and W. N. Rudd, of Chicago; L. F. Soldan, superintendent of public schools, and Levi Chubbuck, of St. Louis.

W. N. Rudd, president-elect of the S. A. F., spoke on "The Society of American Florists," and predicted that the coming convention at Detroit would be one of the grandest affairs in the history of the society. He hoped that a train load would come from St. Louis and we promised to do so.

Among the St. Louis florists present were: Carl Beyer, Emil Schray, C. C. Sanders, R. F. Tesson, C. A. Kuehn, J. J. Beneke, F. J. Fillmore, F. H. Meinhardt, Carew Sanders, Max Herzog, C. A. Juengel, Julius Koenig, Sr., Fred Ostertag, E. A. Michel, E. H. Michel, Dr. Halstedt of Bellville, F. L. Ridgely, park commissioner of St. Louis, and attaches of the Botanic Garden.

J. J. B.

NEW YORK.

Trade Review.

Business is increasing steadily and prices in consequence are advancing. Chrysanthemums are on the decline, though there are more than enough to materially interfere with the sale of other flowers. Beauties are getting scarcer and dearer. Cattleyas are shortening up. C. labiatas are about over and C. Trianae are not quite ready. Dendrobium formosum are very plentiful and there is little demand for them. The general run of flowers are improving in quality and indications are that we shall have a good season, although it is late. The Horse Show was a disappointment to florists, but we expect to make up for it now with all the strangers it brought to town.

Bowling Club.

The Bowling Club met at their new alleys, corner of 57th street and Sixth avenue, on Monday night last, and it was the most enthusiastic meeting the club has held. Many brilliant scores were made, O'Mara in one instance scoring 217; therefore look to your laurels. Lawrence Hafner offers a prize for the highest individual score in one game rolled by members of the club on Monday afternoon, December 12. The club has challenged a team from the New York Gardeners' Society to play a match game at the above alleys the same afternoon, and the event promises to be most exciting.

Recent visitors: D. D. L. Farson, Philadelphia and J. M. Gasser, Cleveland, O. Mr. Farson visited the Flatbush bowling alleys on November 17 and rolled a phenomenal score.

The Exhibition.

The New York Gardeners' Society gave a most successful flower show at their rooms, 64 Madison avenue, on afternoon and evening of November 19th.

In cut chrysanthemum blooms I. L. Powell, Milbrook, N. Y., was first for 25 blooms in 25 varieties; Wm. Harvey, Rye, N. Y., for display of pompons; Jos. Dexter, White Plains, N. Y., for 12 blooms in 12 varieties; W. C. Russell, Milbrook, N. Y., for 6 blooms in 6 varieties, 3 blooms of Golden Wedding, 6 blooms yellow, one variety, and 6 blooms any other color, one variety; Wm. Turner, Tarrytown, N. Y., for 6 blooms Mrs. Jerome Jones; Geo. Winslade, Mamaroneck, N. Y., for 6 blooms Bonnaffon and 6 blooms bronze; Wm. Duckham, Madison, N. J., for 6 blooms white; Alex. McKenzie, Blauvelt, N. Y., for 6 blooms crimson; Peter Duff, Orange, N. J., for 6 blooms pink; John G. McNicoll, Lawrence, L. I., for 12 blooms in 12 varieties; W. G. Gomersall, Fishkill - on - Hudson, N. Y., for single bloom of new variety not yet in commerce. I. L. Powell took first for collection of cut flowers, chrysanthemums excluded.

In carnations first went to W. C. Russell for best seedling and for best display.

In roses I. L. Powell was ahead for 12 Beauties; John Downing, Oceanic, N. J., for 12 Brides and 12 Bridesmaids.

In other chrysanthemum classes C. W. Ward, Queens, N. Y., was first for 6 blooms of variety not yet in commerce; Andrew Taaffe, Irvington, N. Y., for 6 blooms Frank Hardy; A. D. Rose, Jersey City, for collection pompons; John G. McNicoll, for 12 plants in 6-inch pots.

The new rose Lady Dorothea was exhibited by John Dunlop, Toronto, Ont., and was awarded a certificate of merit.

D.

PHILADELPHIA.

The Market.

The cut flower market presents a curious state of affairs for the week just closed. For several years past show week and the week succeeding it have found all flowers, excepting chrysanthemums, a complete drug in the market, and chrysanthemums were often affected. All this is now changed. Most of the growers, to avoid loss, so timed their crops that they are cutting very little now; even chrysanthemums, mid - season varieties, are not quite so plentiful, and the demand is fairly active. Result, first - class stock is rather scarce. Prices for roses advancing.

It is clear the best growers are not producing cut blooms of chrysanthemums as of yore. Not nearly so many extras are seen. They bring anywhere from 10 to 20 cents each, commons from $2 to $6 a hundred. There are, generally speaking, enough to spare for all demands.

Beauties are in active demand; they are worth—I am speaking now of the very best—$3 a dozen from such crack growers as Joseph Heacock and Casper Pennock. Robt. Scott & Son got $3.50 for stems bordering closely on the five - foot mark, while another great grower obtained $4 for the very cream of his stock. Kaiserins, Al brand, have brought $8; good ordinary, $5. Brides and Maids, $6 for the cream, $4 for good, every-day stock; Meteors, about the same.

Carnations are $1.50; occasionally $2 for selected and fancies; 75 cents to $1 for Scott and McGowan. Violets, singles, 35 to 50 cents; doubles, 75 cents to $1; valley, $3 to $4; adiantum, 75 cents; Asparagus plumosus, 35 to 50 cents a string; sprays in bunches are worth from 1 to 1½ cents a spray, according to length.

Items.

The Germantown Horticultural Society met on Monday, the 14th inst., re-electing Edward Neville president; Chas. J. Wister, Albert Woltemate and Roberts Le Boutillier, vice-presidents; George Redles, Jr., secretary and treasurer.

Henry Diehl exhibited a very fine seedling chrysanthemum, Japanese white, heavy petals, a cross between a seedling of his own and Minnie Wanamaker. For this he received special mention. He also showed some extra nice violets. There was a collection of orchids from Roberts Le Boutillier.

George Redles, Jr., read a history of Cypripedium Spicerianum, illustrated.

There were chrysanthemum shows at Horticultural Hall in Fairmount Park and at the Bourse last week.

The Florists' Club played its first match in the Bowlers' League on the 14th inst. against the Houston Club, of the university, which is very strong. The Florists led by 69 pins on the first game, dropping 26 on the second and 30 on the third, thus winning by 13 pins; the popular number for a florist's victory. Team — Bell, Brown, Connor, Habermehl, Moore, and Smith.

J. W. Y.

BUFFALO.

Since the great glut of midseason chrysanthemums are gone the demand and the business seems more healthy. It is seldom colors are divided just right to suit the public taste, last year it was yellow which was short. This year there is a decided scarcity of good whites. We think on the whole pot plants have sold a trifle better than last year.

Good carnations are none too plentiful, perhaps most growers are not striving to get in many till mum season is over. Roses are always with us and if we don't grow them we can always buy them. It is evident violets are going to be the same old strong favorites that they have been for years past. There is not enough locally grown to go round of the right quality and we have to call on the banks of the Hudson. Yet there are some home grown blue gems that about equal the Poughkeepsie sample.

After the storm has blown over and we calmly look back at the flower show, we can at least congratulate

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51 Wabash Avenue, Chicago.

WHOLESALE GROWERS OF **Cut Flowers**

We Are Headquarters for...

AMERICAN BEAUTIES,

of which we cut from 2,000 to 3,000 daily. Our **Brides, Meteors, Maids** and **Perles** were never better.

OF CARNATIONS

we grow 50,000 plants of all the leading varieties, and they cannot be surpassed.

PRICE LIST.

CHICAGO, Nov. 24, 1898.

		Per doz.
Am. Beauty, extra		
" long stem		$4.00 to $5.00
" 24-in. stem		3.00 to 3.50
" 20-in. "		2.50
" 15-in. "		1.50 to 2.00
" 12-in. "		1.25
" 8-in. "		1.00
Meteor	per 100,	$5.00 to $7.00
Bridesmaid	"	5.00 to 7.00
Bride	"	5.00 to 7.00
Kaiserin	"	5.00 to 7.00
Perle	"	3.00 to 5.00
Carnations, common	"	1.50 to 2.00
" fancy	"	3.00

All other stock at lowest market prices. No charge for packing.

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GREEN-HOUSE CONSTRUCTION.

This has been a specialty with us for many years and to us is due the credit for many of the great improvements that have been made in the construction of wooden green-houses. To those that buy our

Clear Cypress Building Material

we furnish, free of cost, complete detail drawings from which any intelligent workman can put up the material correctly. We have plenty of time to write letters ABOUT OUR BUSINESS, and we will be glad to hear from those contemplating building.

Write for Circulars or Estimates.

LOCKLAND LUMBER CO.

LOCKLAND, OHIO.

ourselves that it might have been worse. We can recollect an experience of some years ago, when exhibits, attendance, frost, and everything else, were a frost. Now we don't deplete our treasury and have the great satisfaction of knowing that those who did attend have nothing but the greatest praise for our efforts. How pleasant for the hard working florist to lay his bald head on the pillow or compost pile of the potting bench and exclaim in honest pride in the language of the western statesman, "I seen my duty and I dun it."

It is rather amusing to read the account of our show in an Eastern contemporary. The local correspondent says "It was only advertised in a general way." Why did not these smart fellows, whose entire life is spent promoting advertising schemes, lend us their valued knowledge in this art? These fussy people who have only ambiguous fault finding to offer remind one, and in fact have been shining examples all their lives, of those great principles promulgated and practiced by the "Circumlocution office" immortalized by Dickens, whose noble mission was demonstrated in all its undertakings by "How not to do it."

I forgot in last week's notes to say that a plant which attracted wide attention was a fine specimen of Acalypha Sanderi. This plant, if it can be propagated so as to get within reach of the moderate pocket, must become very popular. Mr. Dimmock, who thoughtfully sent it for our exhibition, called this week, and we much regret that being in bed we sent out word please call tomorrow. We forgot who we were talking to. We thought it was Mott. Mr. Dimmock was off and out of town before we could catch him.

Mr. Skidelsky was in town last week. W. S.

E. C. AMLING WHOLESALE CUT FLOWERS

CHICAGO, Nov. 26, 1898.

ROSES

Beauties, long	per doz.	$3.00—
" medium	"	2.00—
" short	"	1.50—
Brides, Maids	per 100.	4.00— 5.00
Perles	"	3.00— 4.00
Meteor and Kaiserin	"	3.00— 4.00
Roses, 2nds average about.	"	2.00

CARNATIONS

All the leading standard sorts—highest grade, per 100 ..... $2.00—

Triumph, Painted Lady, Albertini, Jubilee, Armazindy, Keller and others ..... per 100, 3.00—

Prices quoted are for good prime stock. Extra Select, and inferior quality charged for according to value.

MISCELLANEOUS

Alyssum	per 100,	$ .25
Chrysanthemums	"	4.00—25.00
Marguerites	"	.50
Valley, good home grown,	"	5.00
Violets, double	"	.75— 1.25
" single	"	.75— 1.00

DECORATIVE

Asparagus	per string,	$ .50
Ferns, common	per 100,	.15
"	per 1000, $1.25	
" Maiden Hair, Ex. Fancy	"	1.00
" " " ordinary	"	.75
Galax, green, new crop		.15
" " "	per 1000,	1.00
Leucothoe Sprays, per 100, 60c;	"	5.00
Smilax, good	per doz.	$1.20 to 1.50
" Wild, parlor brand, case.	"	3.75
" Medium, case	"	5.50
" Large, "	"	8.00

As it is yet too early to carry Wild Smilax in stock four days' notice is necessary.

Carnations

OUR SPECIALTY

Quotations Subject to Change Without Notice.

Write for prices on large quantities for special occasions.

Regardless of prices quoted we always bill out at lowest market rates.

P. & D.—AT COST.

☞ **Use the code. It will save you money. We know what it means. Get your orders in as early in the day as possible.**

E. C. AMLING,

51 Wabash Ave. CHICAGO.

W. S. HEFFRON, Mgr.

Mention The Review when you write.

GALESBURG, ILL.—A four-day chrysanthemum show was given at the Pillsbury greenhouses under the auspices of a local church.

BOSTON.

Review of the Market.

The first part of the week, with bright, sunny days, showed signs of an improved market, but from Wednesday the weather has been against it, and both retailers and wholesalers are still finding fault. A little good, snapping cold weather is what we need. There is no let up as yet on chrysanthemums, and some elegant blooms of Wannamaker, Bonnaffon and Rieman are now coming in, with poorer grades of Ivories, etc.; prices ranging from 35 cents to $1.50 per dozen, with few sales of fancy stock at an advance over these. The weather has shortened up the rose supply, with prices running about the same as last week. Carnations still feel the influence of mums and go slow, averaging from 50 cents to $2.00 per hundred, according to varieties and quality. Violets are in better quality and a trifle higher, 75 cents to $1.00 being obtained. Valley still at $4.00. Stevia serrata, but of rather soft growth, is showing in the market, put up in 25-cent bunches.

News Items.

The Brockton Florists' Club gave a very successful exhibition on November 16 and 17 at a public hall in the city of Brockton, and exhibits of mums were made by Farquhar Macrae, of Providence, R. I.; Mann Bros., of Randolph, and others, while carnations were from such well known growers as Thos. Greaves, Mann Bros., Duly Bros. and B. L. Clark. The prizes offered were numerous, and with close competition. The club is to be congratulated on the success of its first chrysanthemum show.

Chas. Langhahar, for several years a successful retail florist, doing business on Broadway, South Boston, died at the city hospital last week of a cancer.

A new firm, McGeary & Doherty, have started in the retail business at 833 Washington street.

Thomas F. Galvin will give free exhibitions of chrysanthemums daily during the coming week at his Boylston street conservatories.

The employes of the old established firm of Joseph Breck & Sons, seedsmen, held their third annual reunion on Friday evening, November 18. P.

NEW GERANIUM.

Mr. N. Greivelding, Merrill, Wis., sends us flowers of a seedling geranium that are certainly very striking. He says it is a cross between Souv. de Mirande and a red sort. The Mirande blood is very apparent, but it is a much more striking flower than the parent. We are very favorably impressed with them.

Always mention the Florists' Review wher writing advertisers.

REINBERG BROS.

600,000 FEET OF GLASS.

Wholesale Growers of

Cut Flowers

We can fill all orders on short notice with all leading varieties of Roses and Carnations. We are headquarters for fine ....

AMERICAN BEAUTIES.

Give us a trial and convince yourself.

51 Wabash Ave., CHICAGO

PRICE LIST.
CHICAGO, November 24, 1898.

AMERICAN BEAUTY		
Extra long stem	per doz.	$4.00 to $5.00
24-inch stem	"	3.00 to 3.50
20 "	"	2.50
15 "	"	1.50 to 2.00
12 "	"	1.25
8 "	"	1.00
METEOR	per 100,	$5.00 to 7.00
BRIDESMAID	"	5.00 to 7.00
BRIDE	"	5.00 to 7.00
KAISERIN	"	5.00 to 7.00
PERLE	"	2.00 to 3.00
CARNATIONS, com'n	"	1.50 to 2.00
" fancy	"	3.00

All other stock at lowest market prices. No charge for packing.

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Wholesale Growers of and Dealers in CUT FLOWERS
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A. L. RANDALL
Telephone 1496
Wholesale Florist
4 Washington St., Chicago.
In our new and enlarged quarters we are better prepared than ever to handle your orders.
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Full Line of Wire Designs and Florists' Supplies
S. B. WINTER
Successor to Winter & Glover
Write for Illustrated Catalogue.
21 Randolph St. CHICAGO.
HIGH GRADE Cut Flowers
Properly Packed and Promptly Forwarded.
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WHOLESALE GROWER OF ROSES.
DEALER IN CUT FLOWERS.
J. A. BUDLONG,
37-39 Randolph St., CHICAGO, ILL.
Mention Florists' Review when you write.

Brilliant Green and Bronze
Galax Leaves
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Cut Flowers and Florists' Supplies.
Manufacturer of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.
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Flowers at Wholesale
ROSES, and a full line.
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J. Austin Shaw, at 114 Wabash Ave., Chicago, can spare a few HANDSOME PLANTS TO THE FLORISTS AT WHOLESALE PRICES.....CALL AND SEE THEM.
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Carnations! All the new and leading varieties. Contracts for rooted cuttings made now. Send for prices stating what you want. Geo. Hancock & Son, Grand Haven, Mich

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ROSES.

Beauties, long	per doz..	$3.00 to $4.00
" medium	"	2.00 to 3.00
" short	"	1.00 to 2.00
Brides, Maids, Meteor	per 100,	3.00 to 6.00
Kaiserin, La France	"	3.00 to 6.00
Perle	"	3.00 to 5.00
Roses, our selection	"	3.00 to 4.00

CARNATIONS.

Fancy Stock	per 100,	$1.50 to $2.00
Ordinary Stock	"	1.00 to 1.50

CHRYSANTHEMUMS.

Fancy Varieties	per 100,	$15.00 to $25.00
Medium Stock	"	8.00 to 12.00
Common Stock	"	4.00 to 6.00

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Violets	per 100,	.75 to 1.50
Valley	"	4.00 to 5.00

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Cattleyas	per doz.,	$6.00
Cypripediums	"	2.00
Assorted Orchids	box,	10.00

Above prices subject to change without notice.
Give us your Thanksgiving order early.

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Wild Smilax, parlor brand		$3.75
" medium case		5.50
" large case		8.00
Asparagus Plumosus	per doz.,	5.00
" string	"	.50
Smilax	per doz.,	$1.00 to 1.50
Adiantum Ferns	per 100,	.75 to 1.00
Common "	per 100,	.15
" "	per 1,000,	1.50
Galax Leaves		1.00
Farleyense Fronds	per doz.,	1.00

We carry a good stock of above always on hand and can fill orders promptly.

Cyclamen Plants.

Plants from this stock were awarded FIRST PREMIUM at Chicago Show against five competitors.

POSITIVELY NONE BETTER.

NOW READY to be shipped direct from Greenhouses.

600	3-inch pots	per 100,	$8.00
2,000	4 "	"	12.00
1,000	5 "	"	25.00
500	6 "	"	50.00

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ORDER NOW and secure your supply early.

Holly and Green.

We will meet the quotations of any reputable Western House.

We have fresh goods of the following and are ready to fill your orders:

CAPE FLOWERS,
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PAMPAS PLUMES,
FAIRY FLOWERS,
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VASES, RIBBONS,
WHEAT SHEAVES, DOVES,
TIN FOIL, TOOTHPICKS,
BASKETS, BOUQUET PINS,
VIOLET TIN FOIL, CHENILLE.

And everything used by Florists.

Store open from 7:00 A. M. to 7:00 P. M. Sundays and Holidays, 7:00 A. M. to Noon.
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Special Attention Given to Shipping Orders.
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CUT FLOWERS. FLORISTS' SUPPLIES.
CONSIGNMENTS SOLICITED.
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Special facilities for shipping south. Unequaled returns for good stock. Open night and day.

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Growers of CUT FLOWERS at Wholesale.

Regular shipping orders given special attention. We have the largest plant west of Chicago.

Store: 906 Grand Ave., KANSAS CITY, MO.
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HARDY FERNS.

WARRANTED FIRST QUALITY.

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Adiantum Farleyense,

3-in. pots, $20.00 per 100; 4in. pots, $35.00 per 100.

CYCLAMENS,

assorted, best, 3-in., $5.00 per 100.

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PALMS and Decorative Plants in Quantity

Come, see and convince yourself

Ericas (Heather), also Full Line of Other Flowering Plants
Price List on Application.

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3½ inch plants, $7.50 per 100.
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Cash with order.

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ORCHIDS. We can now supply CATTLEYAS, DENDROBIUM FORMOSUM CYPRIPEDIUMS, Etc of Selected Stock, at short notice

A constant supply of SELECT VALLEY the year round. AMERICAN BEAUTIES OUR SPECIALTY.

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Consignments Solicited.

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ROSES, CARNATIONS, and All Kinds of Seasonable Flowers in stock.

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Also Dealer in Florists' Supplies and Wire Designs.

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CHRYSANTHEMUM SOCIETY OF AMERICA.

Work of the Committees.

BOSTON, John N. May exhibited 12-95. Jap. Inc. White, slight cream tinge. Scored commercial scale 77, exhibition 79 points.

PHILADELPHIA, John N. May exhibited 12-95. Inc. Jap. Creamy white. Scored commercial scale 86 points. H. Tong, Erie, Pa., No. 4. Inc. Jap. White and very delicate blush. Scored commercial scale 86 points. Nathan Smith & Son, Adrian, Mich., Idavan. Inc. Jap. Delicate pink, center creamy white. Scored commercial scale 85 points.

CINCINNATI. H. Tong exhibited No. 4. Inc. Jap. Between white and blush pink. Scored commercial scale 78, exhibition 80 points.

CHICAGO, John N. May exhibited 12-95. Inc. Jap. White. Scored commercial scale 92 points.

ELMER D. SMITH, Sec'y.

INDIANAPOLIS, IND.

At the recent exhibition W. W. Coles, Kokomo, Ind., won first premium for 10 Kaiserin roses. This is the sixth consecutive year that he has received first premium for this rose.

NORTHAMPTON, MASS.—An excellent display was made at the annual chrysanthemum show. The leading exhibitors were E. J. Canning of Smith college; Donald O. McGregor, gardener for E. H. R. Lyman; A. Parks, J. Thornley and E. D. Shaw.

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NEW FAST TRAIN EAST VIA THE WABASH.

Leaves Chicago daily at 12:02 noon: arrives Detroit 8:20 P. M., Buffalo, 5:00 A. M. New York 3:30 P. M., Boston, 5:50 P. M.—only one night on the road. Through sleeper. Ticket Office, 97 Adams Street, Chicago.

Room--Room

We are asking for room.
We are crowded with Plants.

1,000 Chinese and Obconica Primroses, 2¼-inch, per 100, $2.00.

25,000 Geraniums, up-to-date bedders, 2¼-inch, strong, per 100, $2.00; per 1,000, $12.50.

50,000 Rooted Cuttings, from pots of Ivy Geraniums, mixed, $1.75 per 100 or $10.00 per 1,000.

5,000 Gynura or Velvet Plant, 2-inch, getting scarce, per 100 $3.00.

5,000 Coleus up to date 18 varieties, 2¼ in., $1.50 per 100.

The Morris Floral Co.

MORRIS, ILL.

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Headquarters for WESTERN PENNSYLVANIA

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444 Sixth Ave., PITTSBURG, PA.

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Roses, Carnations and all kinds seasonable flowers. Orders punctually filled within shortest notice.

Florists' Supplies and all kinds of Wire Designs always in stock.

Consignments of good stock solicited

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Open Every Morning at 6 o'clock for the sale of CUT FLOWERS.

Wall space for Advertising purposes to Rent.

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Galax Leaves

Brilliant Green and Bronze.

Information of the Introducer.

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The finest Seed as usual, $1.00 per package 3-16 oz. No more Plants before December 1, except transplanted blooming stock at $10.00 per 1000. F. O. B. express.

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Taking effect Monday, Nov. 28, 1898

Subject to Change Without Notice.

We are Headquarters for CUT FLOWERS.

ROSES.
Good stock scarce.

Beauties, long	per doz	$3.00—4.00
" medium	"	2.00—3.00
" short	"	1.00—1.50
Brides	per 100	4.00—6.00
Kaiserin	"	4.00—6.00
Maids	"	4.00—6.00
Meteors	"	4.00—6.00
Perles	"	3.00—5.00
Our selection	"	3.00—5.00

CARNATIONS.

Fancy	per 100	$3.00—4.00
Selected Stock	"	2.00—2.50
Good	"	1.50—2.00

GREENS.

Asparagus	per string	$ .50
Ferns—Adiantum	per 100	1.00
Common Fancy	per 1,000	1.50
Smilax	per doz	1.25—1.50
Wild Smilax, in stock.		
Large case	$5.00	
Medium	3.50	
Parlor Brand	2.75	

Galax Leaves, green, bronze, $1.50 per 1000.

MISCELLANEOUS.

Chrysanthemums ordinary	per doz	$ .75—1.50
" extra	"	1.50—3.00
Callas	"	1.50—2.00
Valley	per 100,	5.00—6.00
Ivy Leaves	"	.60
Alyssum	"	.15
Violets	"	1.00—1.50

HUNT'S FLOWERS GO EVERYWHERE.

☞ Special Attention given to the Shipping Trade.

CHRYSANTHEMUMS.

	STOCK PLANTS.
Rose Owen	G. F. Atkinson
Golden Trophy	Maud Dean
Lady Fitzwygram	Mrs. R. D. Douglas
Yellow Monarch	Western King
Riverside	Evangeline
Glory of Pacific	Mrs. H. Wright
J. H. Woodford	Dorothy Devens
Major Bonnaffon	Mrs. R. Crawford
Mrs. W. P. Raynor	at $1.25 per doz.

Also Mrs. H. Weeks, Miss Gladys Vanderbilt, Maud Adams and J. M. Gifford, at $2.00 per doz.

Also Varieties introduced in 1898.

Mrs. C. H. Peirce	Snow Queen
Mrs. O. P. Bassett	Blackhawk
Yellow Fellow	Australian Gold
Pennsylvania	Solar Queen
Frank Hardy	Autumn Glory
Bouuddess Snow	Chempwee
Spottswood	T. H. Spaulding
Minnewaska	Madeline Pratt
Merry Christmas	at 30c each, $3.00 per doz.

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FIELD GROWN CARNATIONS.

Only a few varieties still in stock.

White Cloud, white.	Gold Nugget, yellow.
John Young, white.	Mrs. C. H. Duhme, pink.
Storm Queen, white.	Albertini, pink.
Jubilee, scarlet.	Meteor, crimson.

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Another Carload of First Class Bouquet Green received.

Single crate, $4.00; five crates, $19.00, 100 lbs. to a crate. Special price in large lots.
Green Wreathing, heavy, per 100 yards, $4.00; medium, per 100 yards, $3.00.
Select Delaware Holly ready December 5th. Safe arrival guaranteed by express.

PALMS and FERNS. **Ellis & Pollworth,** MILWAUKEE, WIS.

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Rose Hill Nurseries.

Palms, Orchids, Roses, Ferns
AND FOLIAGE PLANTS.

Largest stock in America.

SIEBRECHT & SON,
New Rochelle, N. Y.

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Would you like some EARLY

ROOTED CUTTINGS

of Wootton, Perles or Kaiserins, for next spring and summer cloom.

Will have them ready for shipment about December 15th. Write for prices to

GEO. A. KUHL, Pekin, Ill.

Long Distance 'Phone 14.

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Geraniums.

Special Bedders, double and semi-double as Ricard, Harrison, Grant, B. Poitevine, LaFrance, Nutt, L. Kelway, M. Bucher, Harcourt, Bonnat, Cts. Castries, and a host of other best single and double, bedding and market sorts. Extra strong rooted, any quantity $12.00 per 1,000, express; $1.50 per 100, mail. **COLEUS,** in 25 superb kinds, 75c per 100, mail. Cash with order, please.

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SPECIAL OFFER

Pandanus Veitchii,

Strong, Healthy Plants, well Colored.

Size of Pot.	Height above Pot.	Price.	Size of Pot.	Height above Pot.	Price.
6-inch,	15 inches,	$1.00 each.	9-inch,	32 to 38 inches,	$3.00 each.
7-inch,	24 to 38 inches,	1.50 "	10-inch,	36 to 45 inches,	3.50 "
8-inch,	28 to 32 inches,	2.00 "	12-inch,	48 to 50 inches,	4.00 "

Measurements from top of pot in natural position. Plants in large sizes are pedestal grown, thus insuring good shape

Upsal Station, Penna. R. R.

JOHN WELSH YOUNG, Germantown, Pa.

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ROCHESTER, N. Y.

The most miserable weather conditions of almost a week's duration had a detrimental effect on flower trade; if it had not been for a few small weddings and the usual amount of funeral work, store business would have been at a standstill entirely, no wonder then that our florists are not in their happiest mood just at present; half the stock on hand would have been amply sufficient to satisfy the little demand there was and consequently a good portion of the stuff found its way into the ash barrel.

The Buffalo chrysanthemum exhibition was visited by quite a number of our boys in spite of the unpleasantness of the weather. They were in hopes to escape the rain and slush for a day at least, but found sky and streets there in the same deplorable condition as at home. None of the visitors were bold enough to face the storm in the windy city, so they remained on Main street in the vicinity of the hall and the contemplated inspection of several greenhouse establishments was postponed for some other time. The exhibition was pronounced good, but it is very doubtful whether it was a success financially; the weather was against it from the beginning. K.

JADOO PRIZE WINNERS.

We have received quite an extended list of plants that were grown in Jadoo and won prizes at the recent exhibitions. The list includes chrysanthemums, orchids, ferns, crotons, Asparagus Sprengerii, geraniums, palms, and various foliage and flowering plants. An abstract of the list will be found in the adv. of the American Jadoo Co. in last issue.

This certainly speaks well for Jadoo and shows that when properly used it will produce results not possible with soil. The wide variety of plants that were grown into prize winners in Jadoo is suggesuve. Another very suggestive fact is that Mr. H. T. Clinkaberry, one of the ablest orchid growers in America, uses Jadoo in growing his orchids, the superb lot of cypripediums shown by him at the Philadelphia show being grown in Jadoo.

EVANSVILLE, IND.—At the chrysanthemum show a taking feature was the crowning of the flower queen. There was also a vote for mayor that excited considerable interest.

Areca Lutescens, Cocos Weddeliana,

Kentia Belmoreana, Latania Borbonica,

FOR PRICES AND SIZES see Florists' Review. November 17th, page 660.

Joseph Heacock, Wyncote, Pa.

Mention The Review when you write.

WANT ADVERTISEMENTS.

WANTED—Seed and Plant Catalogues. Address B. Anderson, Florist, Des Moines, Iowa.

FOR SALE OR EXCHANGE—What have you? 500 each Eulalias and Wistarias. Also 500 Dolichos, the most rampant growing vine in existence, 100 feet or more in a season. At very low price. H. A. Catlin, Richmond, Va.

WANTED—First class young man in cut-flower store in a large city; must be up to date in design and decorative work. Address F. B. W., Florists' Review.

SITUATION WANTED—By young man of 31, situation in first class cut-flower store in large city; second to none as cut-flower worker and decorator. Address Royal, care of Florists' Review.

SITUATION WANTED—By a young man of 22, as assistant in general greenhouse work, five years' experience, A1 reference. Address Worker, care of Florists' Review.

WANTED—To know the whereabouts of Fritz Schaefer, of Artern, Germany; said to have worked for florists around Chicago. Address Emil Buettner, Park Ridge, Ill.

WANTED—First class man in cut flower store, in a large city. Must be a good buyer. Address Z. O., care of Florists' Review.

CHRYSANTHEMUMS.

Stock Plants of the best commercial and exhibition varieties, true to name, at $6, $8 and $10 per 100. 20 at 100 rates.

Novelties of '98, $1.50 to $3 per doz.

We can use some H. P. Roses in exchange.

HARKETT'S FLORAL NURSERY, Dubuque, Ia.

Mention Florists' Review when you write.

Rooted Cuttings.

Coleus, 12 varieties	60c per 100;	$5.00 per	1,000
Verbenas, 8 varieties	.75c "	6.00 "	
Geraniums, assorted	$1.00 "	8.00 "	
Petunias, double, 7 varieties	$1.50 "	12.50 "	

Will exchange some of above for Primulas or Cinerarias, or both.

E. H. SMITH & CO. Macomb, Ill.

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WANTED—A man to take charge of a section of rose houses; call at 51 Wabash Ave., Chicago.

FOR SALE—Four greenhouses, nearly new. Good retail stand. A. CLAUS, Springfield, Ill.

FOR RENT OR SALE—First class retail stand. 5,000 feet of glass. New. In city. Ought to net good man at least $3.00 per day. Must buy stock, about $500.00. Reason for selling, failing health. Address "Illinois," care Florists' Review.

SITUATION WANTED—German, single, 29, with several years greenhouse experience; for the last year with carnation grower; wishes position on place where there is a chance to work himself up. Address A. Lndicke, P. O. Box 466 West Troy, N. Y.

FOR SALE. A well established and paying FLORIST BUSINESS, with ten to thirty acres. 17,000 square feet of glass. Good residence and houses for help; everything in first class condition. Abundance of water. Situated near one of the largest cities in California. Ill health and a desire to retire from business cause for selling.

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THE MOST COMPLETE COLLECTION IN AMERICA.

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☞A profitable investment for (up to date) growers of Cut Flowers.

IRISH-GROWN Daffodils for Forcing.

The cream of the marketable varieties.

Lily of Killarney (new), a magnificent variety, the flowers are pure white, petals and cup as large as Sir Watkin. Per 100, $4.00 Per 1,000, $30.00.

Leedsi, Superbus Alba, broad white petals, white cup, a most beautiful variety, flowers like a Eucharis Lily (rare). Per 100, $3.00. Per 1,000, $25.00.

Sulphur Phoenix, large double white rose-shaped flowers, very chaste and much prized for bouquets, etc. Per 100, $2.00. Per 1,000, $15.00.

Narcissus Poeticus Ornatus Albus, petals pure white, broad and well formed; cup white, beautifully fringed, for forcing. Stock limited. Per 100, $2.00. Per 1,000, $15.00.

The above are unsurpassed for forcing, cutting for market they have no equal and realize enormous prices at Easter.

Also the following forcing stock in sound condition at the following low prices to clear:

	Per 100	Per 1000
SIR WATKIN	$2.00	$17.00
EMPEROR	2.50	20.00
EMPRESS	2.00	17.00
BARRI CONSPICUUS	1.75	15.00
GOLDEN SPUR	1.75	15.00

All full sized bulbs and true to name. Satisfaction guaranteed. Cash with order, please. 10 per cent. off orders 5,000 and upwards. F. O. B. Liverpool. No charge for package.

A. KNIGHT, Daffodil Specialist,
13 A Clanbrassil St., DUBLIN, Ireland.

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THE REGAN ... PRINTING HOUSE ...

Nursery Seed Florists' **Catalogues**

87-91 Plymouth Place, Chicago.

Mention Florists' Review when you write.

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THE Florists' Manual

By WM. SCOTT.

It will tell you just what you want to know in just the way you want to be told.

It will cover the whole field of Commercial Floriculture, the articles arranged alphabetically, so that reference may be quick and easy.

It will be a whole library in itself.

Price, $5.00.

Send in your order now.

Florists' Publishing Company

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FINE STOOLS. VERY CHEAP.

Bonnaffon, Georgiana Pitcher- Jeannie Falconer, Golden Trophy, Glory of Pacific, Sundew, Lady Playfair Mongolian Prince, C. H. Curtiss.

The above at $4.00 per 100.

LIST No. 2.

Thanksgiving, Modesto, Mrs. Perrin, H. W. Riemen, Mrs. Ryerson, Mrs. Glessner, Mrs. Egan, Merula, Defender, Casco, Golden Harvest, Mrs. G. Morgan, Mayflower, Mrs. Peabody, Mrs. Geo. West, Mrs. Higinbotham, M. B. Verlot.

The above at $8.00 per 100.

LIST No. 3.

Mrs. H. Weeks, Henry Nanz, Colosse Grenoble, Maud Dean, Western King, Mme. Ferlat, Yanoma, Merry Christmas, Mme. Rosseau.

The above at $10.00 per 100.

LIST No. 4. NOVELTIES.

W. H. Chadwick, Australian Gold, Yellow Fellow, Mrs. C. H. Peirce, Autumn Glory, Frank Hardy, Pennsylvania, Quito, Arline.

The above at $25.00 per 100.

ORDER QUICK. STOCK GOING FAST. Orders for one dozen plants filled at the hundred rate.

E. G. HILL & CO., Richmond, Ind.

Mention The Review when you write.

100,000 VERBENAS,

THE CHOICEST VARIETIES IN CULTIVATION....

FINE POT PLANTS, $2.50 per 100; $20.00 per 1,000.
ROOTED CUTTINGS, 75c per 100; $6 per 1,000; $50 per 10,000

No Rust or Mildew. Packed Light and Satisfaction Guaranteed.

We are the Largest Growers of Verbenas in the Country. Our Plants cannot be surpassed.

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BERLIN, ONT.

Death of James Lockie.

It is with much regret that I have to report the death of as true a lover of flowers as ever lived—Mr. James Lockie, of Waterloo—well known as an insurance inspector all over Canada. He lived at Waterloo, about two miles from this town, and was President of the Horticultural Society there, which he was successful in making one of the few flourishing horticultural bodies in the country; it contained over 160 members, all amateurs, and held an annual show at which no prizes were given, but which all the same brought out lots of good exhibits, and created a deal of interest and enthusiasm, not only amongst its members, but also amongst the citizens generally. Mr. Lockie, being one of those good natured souls, who are willing to do all the work in a society on account of the thorough interest they take in it, will be much missed, and it seems almost impossible that his place can be filled. He was one of nature's true gentlemen, who are, alas! only too scarce in this world.

The writer went down to Toronto with him in the morning to visit the chrysanthemum show, and discussed with him the merits and demerits of the various exhibits; in the evening, at the meeting of the Hospital Board (another good work), Mr. Lockie was suddenly taken ill and died shortly after. He was also a potting shed gossip, and would come over to the writer's every Sunday afternoon, read the horticultural papers, magazines, catalogues, and chat interestingly on horticultural subjects and men until dark. I have written thus at length concerning him, feeling that he deserved it, and that I shall seldom be called on to offend in this way; his kind are few and far between, and met perhaps only once in a lifetime.

DAYTON, O.

Mr. J. B. Heiss was recently victimized by the palm swindler. The method was about the same that has been successfully worked in other cities. The swindler ordered a load of palms delivered to the residence of a well known citizen. He met the delivery wagon at the gate and helped carry the palms into the yard, having previously obtained permission from the people of the house to leave the palms there for a short time. After the delivery wagon left he sold the plants at cut rates to the people in the neighborhood and then left for parts unknown.

WACO, TEX.—There was a very large display at the annual chrysanthemum show of the State Floral Society. James Morton, Clarksville, Tenn., was judge and awarded a long list of prizes.

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E. ASMUS.

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8-inch pots, standing			3½ to 4	feet	$2.00	10-inch pots, standing		5½ to 6	feet $7.00
8	"	"	4 to 4½	"	2.50	12	" "	5½ to 6	" 8.00
9	"	"	4½ to 5	"	3.00	12	" "	6 to 7	" 10.00
10	"	"	4½ to 5	"	5.00	12	" "	6 to 8	" 12.00
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LADY FITZWYGRAM,

Flowers 5 inches in diameter. Cut September 20. Last year September 17. $1.00 per doz. Cash with order, please.

FRED BURKI, - Bellevue, Pa.

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GRAND RAPIDS, MICH.

The Grand Rapids Florists' Club held its first fall meeting at the Eagle Hotel, N. B. Stover, presiding. The president was instructed to make out a list of subjects for discussion during the winter. The practice of holding meetings at the homes of members resulted so successfully last winter that the practice will be more systematically carried out this winter. The price of glass was thoroughly discussed. Can glass be imported from Belgium at a saving? How about breakage—will it not be considerable in transit? Could an arrangement be made with an agent who handles imported glass to deliver 50 feet of whole glass for a box, and on what terms? To get the proper answers to the questions, Geo. F. Crabb was appointed a committee to investigate the matter and report. The proposed spring show didn't seem to enthuse the members so the matter rests for the present.

G. F. CRABB.

THE FUEL QUESTION.

Perhaps I should add to my letter about the New River coal that proper firing is an important item. We first make a foundation of red-hot fire spread evenly about four inches thick over the entire grate surface. The coal being well broken up, we throw in only a shovelful or two at a time, close the top doors for about ten minutes, then open them again, and with a fire hook or fire hoe, go lightly over the coal last thrown in, breaking up any crust that may have formed, close the top doors again, and throw in no more until the fire is red hot again. By this method of firing you get the full value of the New River coal.

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Mr. Daniel B. Long, Buffalo, N. Y., sends us samples of a batch of new designs in calendars for florists, that are exceedingly attractive. In all his designs the flowers are placed in the proper position to form the decorative scheme and then photographed. No drawing could portray them with equal fidelity and the effect is very pleasing.

RETAIL ADVERTISING.

We have received from John Breitmeyer & Son, Detroit, Mich., a copy of the announcement of their exhibition of chrysanthemums and orchids Nov. 15, 16 and 17. It is one of the most artistic productions of the sort we have ever seen, being handsomely illustrated with original drawings. Such an announcement could not fail to appeal to the class of people that are liberal buyers of flowers.

The Harrisii Disease

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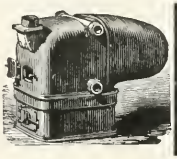

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VARIETIES.	SIZE POT.	HEIGHT INCHES.	CHAR. LEAVES.	PRICE—EACH.	PRICE—DOZ.
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" "	6-in.	24-28	8-10	.75	9.00
" "	8-in.	40-50	15-20	2.50	30.00
Cocos Weddeliana	3-in.	10-14	4- 6	.25	2.50
Kentia Belmoreana	6-in.	24-26	5- 7	1.50	18.00
" "	8-in.	36-40	4- 6	2.50	30.00
" Forsteriana	6-in.	32-36	3- 5	1.25	15.00
Latania Borbonica	4-in.	14-16	2- 3	.25	3.00
" "	6-in.	20-24	5- 6	.75	9.00
" "	8-in.	24-30	5- 6	1.50	18.00
" "	9-in.	34-36	7- 8	2.50	30.00
Phoenix reclinata	5-in.	18-20	4- 5	.50	5.00
" canariensis	6-in.	22-26	5- 6	.75	9.00
" "	7-in.	26-30	8-10	1.00	12.00

If in need of large specimens of Latania Borbonica, Corypha, Areca Lutescens, Pandanus Utilis or Veitchii, etc., write us for sizes and prices.

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Auracaria Excelsa, from 6-in. pots, perfect plants	$1.50	$18.00
" " " 7 " " "	2.00	24.00
" " " 8 " " "	3.50	40.00
Asparagus Sprengerii, 4 " nice plants	.20	2.00
" " 5 " "	.25	3.00
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Peperomia Verschaffeltii, strong plants from 3-in. pots		1.00
" " " " 4 "		1.50
Sanseviera Javanica Variegata, from 3-in. pots		1.25
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" " " 5 "		1.50
Selaginella Emiliana, nice plants from 4-in. pots		1.50
" Martensii, " " 4 "		1.50

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VARIETIES.	Size Pot.	Doz.	Per 100
Adiantum cuneatum	2-in.	$0.50	$ 4.00
" "	3-in.	1.00	8.00
" "	5-in.	2.00	16.00
Cyrtomium falcatum	3-in.	1.00	8.00
Lomaria gibba	3-in.	1.00	8.00
" "	4-in.	1.50	12.00
Nephrolepis pectinata	4-in.	1.50	12.00
Nephrolepis pectinata	6-in.	3.00	25.00
" exaltata	4-in.	1.50	12.00
" "	5-in.	2.00	16.00
" Bostoniensis	10-in.	30.00	
	$2.50 each.		
" Philipensis	4-in.	1.50	12.00
Pteris Umbrosa	2-in.	.50	4.00
" serrulata	2-in.	.50	4.00

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Pine Needle Soil, fine for palms and ferns, large barrels, $1.50 each.

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In **Weeping Trees**, we offer immense lot of **Willows**, Kilmarnock, New American, Wisconsin and Babylonica. **Mulberry**—Teas Weeping, the finest lot we ever grew. **Mt. Ash, Cut Leaved Birch, Etc.**

In **Vines and Shrubs**—**Ampelopsis**, Veitchi, strong two year field grown. **Clematis**, Jackmani, Henryi, Mad. Ed. Andre, etc. **Berberis**—Thunbergii and Purpurea. **Elder**—Golden. **Syringa**—Golden. **Spireas**—Van Houtte, Anthony Waterer, Thunbergii, etc. **Lilacs**—New Double Flowered in 8 varieties. **Altheas, Deutzias, Snowballs, Syringas, Wiegelias, Etc.**, in great supply.

Roses—two years field grown, Hybrid Perpetual, Moss, Climbers, Wichuriana and Wichuriana Hybrids, Rugosa, and Rugosa Hybrids and Multiflora Japonica. **Azaleas**—Mollis and Pontica, fine bushy well-budded plants.

Forty-four Greenhouses well filled with **Roses, Palms, Ferns, Ficus, Chinese Azaleas, Araucarias, Geraniums, Etc.** Correspondence solicited. Catalogues and price lists free.

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ALVIN, TEX.—The chrysanthemum show was very successful. A feature was the baby show, which was a department of the exhibition.

THE Flower City Plant Food Co., of Rochester, N. Y., will hereafter manufacture and control the sale of the Excelsior Brand fertilizer, formerly made by the Walker Fertilizer Co., Clifton Springs, N. Y., the former company succeeding to this department of the business of the latter.

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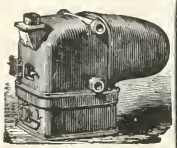

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RANDOM NOTES.

At Columbus, O., I noted a pretty lot of chrysanths grown by Mr. Knopf, of the Franklin Park Floral Co., who finds best sale for a medium sized flower, grown about three to a stem.

Underwood Bros. have added a house 100x20, planted with carnations. They report a good call for funeral work. The Livingston Co. report a good bulb trade; cleaned out on leading lines; palm sales are increasing.

Maurice Evans has his fine specimen palms safely housed; the finest plant of Cycas circinalis owned by a commercial florist can be seen here.

At Allegheny, Pa., John Bader is cutting some fine mums and is quite a palm grower. The Continental palm houses are models of their kind.

Wm. Hamilton, superintendent of Allegheny Parks is justly proud of some fine plants of the uncommon Aristolochia gigas var. Sturtevanti, now in bloom. The immense blooms create much interest.

At Schenley Park., Superintendent Wm. Falconer is being fairly overwhelmed with compliments upon the success of the mum display he has staged. The arrangement is perfect and quality of blooms superior, if possible, to last season's product.

At Albany, N. Y., Jno. Dingwall is pleased with the conduct of carnation Outcast, which is doing much better this season from local propagation. In anticipation of continued good times the stock of bedding plants is immense.

Louis Menand has a fine show of Cattleyas, which are in demand by the best trade in the Capitol City.

H. G. Eyres has a plant of the new Acalypha Sanderi on exhibition in his store window. Surrounded with greenery the effect is striking.

Sam. Goldring was busy with funeral designs when I called, and using many Niphetos roses, which are grown extensively by them. It produces three blooms to one of the Bride, and is the ideal rose for a side bench. Maids are ahead of Brides this fall, which is contrary to the usual order of things. Up to the present they have not wasted a chrysanthemum. Violets are a trifle later than usual in yield, but up to date in quality.

At Utica, N. Y., C. F. Baker is elated over the success of those two good carnations, Red Jacket and Oneida, having sold clean out for this season.

C. F. Seitzer has quite a show of mums, some blooms of Viviand-Morel measuring nearly 9 inches across.

At Binghamton, N. Y., W. H. Graham has just completed a fine house 110x30 for carnations and a palm house connected with office. Mr. Graham, who recently took a side partner into the business, is receiving the congratulations of his friends.

At Little Falls, N. Y., J. Olsraham is much pleased with the success he has attained since starting in business here but a year since. W. M.

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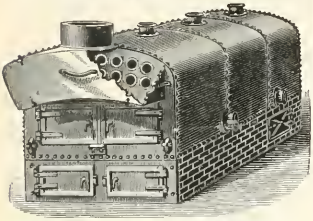

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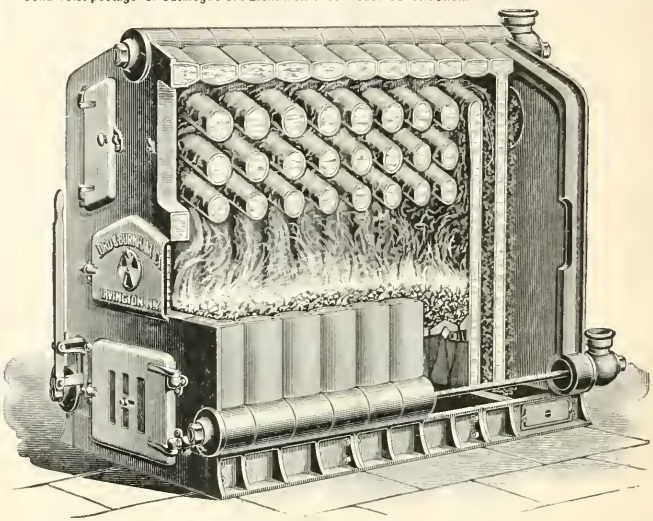

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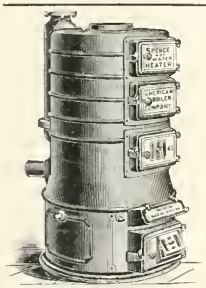

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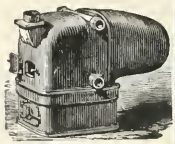

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